AD-A196 644 1/3 UNCLASSIFIED ML



MICROCOPY RESOLUTION TEST CHAF

RS275950

FL 4514 SCOTT AFB, IL 62225-5458



OTIC FILE COPY \$7 JUN 1988

OPERATING LOCATION - A USAFETAC

Air Weather Service (MAC)



3H



"LIMITED SURFACE OBSERVATIONS" CLIMATIC SUMMARY "LISCCS"

KAZAN USSR N 55 47

MSC #275950

E 049 11 ELEV 210 FT

PARTS A - F

HOURS SUMMARIZED: SYNOPTIC HRS

PERIOD OF RECORD:

HOURLY OBSERVATIONS: NOV 77 - DCT 87

SUMMARY OF DAY DATA: NONE

JUN 2 2 1988

FEDERAL BUILDING

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REPORT DOCUMENTATION PAGE

la.Report Security Classification: UNCLASSIFIED

3. Distribution/Availability of Report: Approved for public release; distribution unlimited.

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5.Monitoring Organization Report Number: USAFETAC/DS-88/027

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6b.Office Symbol:

6c. Address: Federal Building, Asheville, NC 28801-2/23

7a. Name of Monitoring Organization: USAFETAC 7b. Address: Scott AFB, IL 62225-5458

llTitle: (LISOCS) KAZAN USSR.

12Personal Author(s):

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17COSATI Codes: Field--04, Group--02

18Subject Terms: *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity paychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Kazan USSR; Union of Soviet Socialist Republics; USSR; RS275950.

A statistical data summary of surface weather observation climatology: This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3, Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-93-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for

20Distribution/Availability of Abstract: Same as report.

21Abstract Security Classification: UNCLASSIFIED.

22a Hame of Responsible Individual: Marianne L. Cavanaugh

22b Telephone: (618)256-2625. 22c Office Symbol: USAFETAC/LDD.

DD FORM 1473UNCLASSIFIED

REVIEW AND APPROVAL STATEMENT

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN

Scientific and Technical Information Program Manager

LIMITED SUPFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: KAZAN USSR

STATION NUMBER: 275952

SUMMARIZED HOURS: SYNFOLIC 3-HOURLY

PERIOD OF RECORD

HOURLY OPSERVATIONS: NOV 77 - OCT 87

SUMMARY OF DAY DATA (TEMPERATURES ONLY): DEC SE - OCT BE PATA NOT AVAILABLE

SUMMARY OF DAY DATA (PART TIME): NONE

TIME CONVERSION LST TO GHT: -3

DATE PRODUCED: 30 DEC 87

ALL USERS OF THIS LISCOS MUST FAMILIARIZE THEMSELVES WITH THE SITE'S DATA LIMITATIONS PRIOR TO USING OR DISTRIBUTING TRESS SUMMARIES. A SPECIAL CAVEAT PAGE PROVIDES IMPORTANT INFORMATION FOR ALL USERS. THIS CAVEAT PAGE IS LOCATED IN FRONT OF THE SUPPLEMENTAL SECTION.

OL TAZUSAFFTACZMACZAS ASPENILLE NC 284C1

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES -- U150CS

FOURLY DESERVATIONS: ALL PECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AAS FORMS 10710A AT SCHEDULED HOURLY

SUPPLEMENTAL DATA: DATA DEPIVED FORM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OF MORE REPRESENTATIVE SITES ANE COMBINED BY A HETE CPOLOGIST.

DESCRIPTION OF SEMMARIES: PRECEDING EACH PART OF THE RUSSHO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOUSELY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SHMMAPLEED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANUARD 7-HOUR TIME GROUPS: IN ALL SUMMARIES SMOWING DIGRNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOLD TIME PERIODS IN LOCAL STANDARD TIME: DOCTO-0260, 3702-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1703, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS UPAGE, SEE USAFETAC/TN-83-CO1. "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWC).

TABLE OF CONTENTS

PART A: WEATHER CONGITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WINU SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART 5: TEMPERATURE AND PELATIVE HUMICITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUFFLEMENTAL DATA SECTION -- SUMMARY OF DAY DATA

ANSM'SC NUMBER: THIS NUMBER IS THE AIR WELLTHER SERVICE MASTER STATTON CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE MMO NUMBER WITH THE ADDITION OF A SUFFIX (O THROUGH O). IN CASES WHERE THERE IS NO DESIGNATED MMC NUMBER, A F-GIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO PULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAY OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS HAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.





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STATION	TATION NO ON SUMMARY STATION NAME			LATITUO	1	ONGITUDE	FIELD ELEV (FT) CALL SI	GN	WMO NUMPER
27	5950	KAZAN, USSR		N 55	47	E 049 11	210 Ft			27595
		STATION LOCATIO	ON A	ND IN	STRU	MENT	ATION	HISTORY		
NUMBER			TYPE	AT THIS LO	CATION		LONGITUDE	ELEVATION	ABOVE MSL	OBS PER
OF Location		GEOGRAPHICAL LOCATION & NAME	OF Station	FROM	TO	LATITUDE	COMPLIANT	FIELD (FT)	HT. BARO.	DAT
1	KAZAN, U	SSR	FGN	NOV 77	OCT 87	N 55 47	E 049 11	210 Ft	N/A	8
لِــــا							<u> </u>			
NUMBER	DATE	SURFACE WIND E	EGUIPMENT							
OF LOCATION	OF Change	LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADI	ITIONAL EQUIP	MENT, DR KEA	SON FOR CHANGE
		UNKN		UNKN	UNKN	UNKN				

USAFETAC

PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

CONTINUED ON REVERSE SIDE

UMBER Of	DATE	SURFACE WIND EC								
CATION	OF CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE				
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 WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

- 1. A PERCENTABLE FREQUENCY OCCURRENCY SUPPARTY OF VARIOUS ATMOSPHERIC PHENOMENA AND OPSTRUCTIONS TO VISION.
- Z. DATA BASED OF HOUGHT OBSERVATIONS.
- 7. SUMMARIZED BY THE CTANDARD 3-HOLR TIME GROUPS BY MONTH, MONTHLY AND ANALALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REFORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

SAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OP FREEZING DRIZZEF (GLAZE): ALL REPORTED FREEZING RAIN OR FHEEZING DRIZZEE.

SNOW AND/OR SLEET. SHOW INCLUDING SHOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HATL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL ORSERVATIONS REPORTING PRECIPITATION. RECAUSE MORE THAN ONE TYPE
OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY
EXCLED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPURIED FOG. ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMPINATION THEREOF.

HECKING SNOW: ALL REFORTED BLOWING SNOWS INCLUDING DRIFTING WHEN PEPORTED.

- BUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, PLOWING SAND AND ANY COMEINATION THEREOF.
 THE ATMOSPHERIC PRENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 578 MILES (1007 METERS).
- ALL GESTRUCTIONS TO VISION: INCLUDES ALL PEPOPTS OF OBSTRUCTIONS TO VISION LEGG THRU DUST/SANDI AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INCIVIDUAL COLLWAS MAY EXCEED THIS COLUMN.

NUT'S:

- 1. A VALUE IN THE TABLES OF ".D" INDICATES LESS THAN . 25% OCCUPPENCE WHICH IS USUALLY ONLY ONE OCCUPRENCE
- CAN METAR STATIONS CRECINING IN AND 1960 AND SYNOPTIC PEPOPTING STATIONS RECORDED ON THE SALE PROPERTY OF A STATIONS RECORDED ON THE HIGHEST DAPER OF ATMOSPHERIC PHENCHAR AND RESPONDED AND THE HIGHEST DAPER OF ATMOSPHERIC PHENCHAR OF THE STATIONS RECORDED ALL OBSERVED PHENCHARD HIGH CONTINUES TO TRANSPORT OF THE PROPERTY OF THE PROP

GLCTAL CLIMATOLOGY PROTICH USAFETAC AIR WEATHER SERVICEMME

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

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										2				
HOURS (EST)		15140	RAIN EZOR (91/2LE	FRZ 1%5 RAIN EZOR DRIZZLE	SNO. L/OR SLEET	+All	\$ OLS #ITF PRICIP	FΟυ	SHCKE	el Ox Ino Shew	DUST &/OR SAND	\$ 045 W/(BST TU VI2ICN	TGTAL	••
10-02	1	•••••	. 7		34.7	•••••	₹5.7	24.0	1.)		• • • • • •	27.0	300	••
2:4-0:5	1		1.0	. 3	35.5		76 . 5	25.3	. 7	2.3			304	
6 = .13	i		1-4	• 3	39.3		46.3	24.1				:6.1	295	
?=11	I	• 4	1.1	.4	27.6		28.7	29.4	. 4	7.3		37.0	275	
17-14	ı		. 7		25.2		.5.8	26.8	• 5	3 • 7	. 3	21.2	508	
15-17	t		• 3		23.9		23.9	27.2	. 3	3 • 6		31.1	365	
18-27	1	• :	1.0	• 3	29.5	• 3	29 . 8	20.9	. 7	ال و ٢٠		23.5	3 ^ 2	
21+23	1		.7	.3	32.7		33 ⋅ 0	20.5	. 7	2.6		:3.0	303	
FOTALS			. ,		33.9	٠٥	71.6	24.7	• 5	2.7	.0	27.8	2392	

STATION NUMBER: 275957 STATION NAME. KAZAN USSR

FERICO	ĹF	ı į	CUFD:	78-87
MONTH	: F f	ŧ		

								er inte			
 	TSTHS	RAIN E/OP ERIZZLE	FRZING RAIN E/OR Urizzle	SNOW E/OR SLEET	FAIL	1 OPS WITH PRECIP	FoG	SMCKE	BLOWING	DUST \$ OPS E/OR W/C6ST OF OPA VI21ON	1014L 085
7-00 l			• • • • • • • • •	24.9		24 . 9	29.2	. 4	. 7	29.3	273
. *-15		1.4	.4	27.7		/e • 1	71.7	. 4	1.1	23 ⋅ 1	278
ry+ng [. 10	. 4	• 7	29.5		7u + 2	29.5	. 4	1.1	36.9	275
. 9-11-1		. 4	.4	16.6		17.4	79.9	. 4	. 9	42.1	253
17-14		. 4		16.0		16 • 4	72.7	. 4	1.1	34.2	275
11-17				13.5		13.5	26.2	.4	1.1	27.6	275
19-20 1			.4	15.4		15 . 7	25.7	.4	1.4	27.5	280
.1-23 [. 4		12.7		19.1	24.5	. 1	1.4	:6.6	278
FUTALS 1	• :	. 5	• ;	20.3		24.7	29.8	. 4	1.1	21+3	2187

GEORAE CEIMATREOGY BRANCH USAFETAG AIR WEATHER DERVICEZMOS

PERCENTAGE FREDUL ICY OF DECURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

PE	TOL	D.F	C: COED:	76-87

STATION NUMBER: 27575	5 7 47 1 0	n name:	KASAK U	· ÇR				PETION OF STOORD HONTH: MAC	: 78-87		
	rsim"	RAIN 6708 19172EE	FRZING RAIN E/OP URIZZLE	SNON &/OR SLEET	FAIL	t O ₁ S WITH PRECIP	FOG	SMOKE FROM pLOWING MATE SKOK	0UST 8/UR SANO	* 045 W/0851 10 VISION	T Q T D L C S E O
7-02-1		1.7		14.4		15 • 1	21.4	• 3	• • • • • •	21.7	299
: *="5 I		2.0		13.2		14.5	.79 • 6	• 3		.9.9	304
56-78 	•	1.5	. 3	11.5		12.4	79.0			I9•3	305
32 = 11 U		1 • •	• 7	8.7		9.ª	37.5	1.1		30.0	276
17-14 1		.1	• 3	7 • 0		e • 🗈	24 • 1		• 3	:4.4	299
* 5 - : 7		. 7		7 • 3		1.6	19.7	1.3		15.6	3ņ2
10-20-1		4 . 3		8.3		8.6	15.5	•7		16.3	3 C 3
21-23 1		1.6		11.4		11.6	15.7	• 3		1 t • t	306
T C JAT S - 1		1	,2	10.2		11.0	24.6	• 5 • 5	• 0	15.1	2394

STATION SHACEP	 STATION NAME:	KALLAN HISSR
2	 3	

PERIOD OF THEORD: 78-87

. ...

	##18 ## ## ## ## ## ## ## #	RAIN E 870# DRIZZLE	7073 77316	\$ DRS FAIL WITH PRECIP	5 F06 P	FACE St.JW	290 # 1200	T CTAL OBS	•••
1- 3-1	1.4		7.1	10 • 9			15.0	294	•••
5.2=75 ∤	5 • 4		9.5	13.9	9 17.2	. 3	17.6	296	
.u-jd 1	4 • 5	5	ذ ∙ 9	16 • 1	1 75.9	• 3	26.2	290	
3-11	v • à	ذ	5.2	13.5	5 19.9	• 3	20.2	2 . 7	
17-14-1	6 • 4	4	5.8	10.5	5 10.9		10.5	295	
11-17-1	د • ت	5	5.4	15	5 7.1		7 - 1	794	
19-20 1	3 • ↓	3	2.7	8 • 5	5 3.2		9.2	293	
. 1-21 [•. 5•1	i	4.4	9.9	9 12.2		12.2	296	
TOTALS I	. 5.6	ι.	6.1	1:.=	14+6	• 2	14.5	2345	

GLOBAL CCIMATOLOGY REANCH USAFETAC

FURCENTAGE FREDUENCY OF DECURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

ATH AFATHER SERVICE/MAC

STATION NUMBER: 27595 " STATION NAME: MAZAN USSR

PEP10J	. 6	F i.	0	: 09	78-8
FI A O M		4 2 W			

	TSTMS	RAIN EZOR IRIZZLE	FRZING RAIN 8/68 DRIZZLE	SNOW 8/OR SLEFT	+ A I L	T UES WITH PRECIP	Fου	SMORE EXCR EXCR	ot Op Ito Stak	DUST EZOR SAND	% OPS W/CBST TO VISION	FOTAL OBS
- h=ng	1, "	5.5		. 7	•••••	6.3	4.6	. 7	•••••••		5 - 3	304
7- 75 1		4.9				4.9	7.9	. 5	• 3		8 + 5	3 0 5
17-12		5.6		. 7		4.0	7.5	• 3			d • 3	302
g=11		4.9		. 7		5.2	2.9	• 3		- 3	3.6	306
17-14-1	1.	5.0		• 7	• 3	6.3	2.€				2.6	3 C Z
15-17-1	1.6	5		• 3		6 • 6	2 • C	. 3			2 • 3	305
17-26 1	1.1	ن ، د		• 3		5 . 4	1.7				1 . 7	296
. 1-23 4		3.9		. 3		4.2	4.2	. 3		. 3	4.9	3D6
TOTALS	• 7	4.9		. 5	• 0	5.3	4.2	. 3	• 9	• 1	4.7	2428

TATION NUMBER: 275957 STATION NAME: KAZAN USSR

PERIOD OF MECORD: 76-87 MONTH: JUN

DUST & URS RAIN FRZING SNOW \$ 085 SMOKE NCUPS | ISIM: EZOR RAIN EZOR HAIL WITH FOG FZOR BLOWING FYOR BLOWING HAZE SNOW W/CBST RAIN E/OR # II H PRECIP E/OR SAND TOTAL HATZZEE (LST) I SLEFT 085 VISION CRIZZLL 5 • 4 2-2-15-1 1.7 7.0 7.6 16.6 7-75 | 15.5 7.1 . 3 7.4 15.2 . 3 296 5-11-1 • 1 2.7 295 5 • 0 . 7 2.7 6.4 17-14-1 0.4 1.7 ٠. 2.0 6.4 297 , 7 294 1: -: 7 1 • 7 13.9 13.4 14-75-1 1.7 2.0 297 j., 1.4 1:1-23 1 ·. 7 5 . 5 4.4 295 TOTAL: 1

h

GLORAL FILMSTOLOGY FRINCH USAFLIAC AIR ACATELS FLRYLCEMMAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

STATION NUMBER: 2759- " STATE OF NAME: KAZAN USSR

PERIOR	CF :	FCOED:	16-87

								KUMIH: MAL			
2 don 4 (T 2)	15185	RAIN E/OR PI/ZLE	FRZING RAIN B/OR DRICZLE	SNOW E/OR SLEET	FAIL	% OHS WITH PRECIP	FOG	SMCHE FYOR BLOWING HAZE SMOW	DUST &/OR SAND	2 085 W/CRST TO VI2ION	082 1019F
1=62 T		5				9.1	7.2			7 • 2	3C 7
27-05 1	4.1	3.0				3,6	19.9	• 5	• 3	19.5	3 c 7
7 =3		4.0				4.6	17.4	• 3		17.8	304
1-11-1	1.0	9 • 5			. 3	5 • ø	4 • r ₃			4.5	308
17-14-1	٠,	د • د				6 • 3	1.5			1.5	304
17	•	1:.0				11.6	• 3			• 3	3 n 2
19-500-4	9.1	5 • €				6.2	• 7			• 7	305
. 1-12 1	1.5	7.5				5.8	4.2			4.2	308
TOTALS 1	2•	6.5			٠.)	6.5	€ • B	. 1	• 0	6.9	2445

STATION NUMBER: 27595 - STATION NAME: KAZAN USSR

PERIOD OF FECORU: 78-87

								MUVIEL VO:				
F0(%S (EST)	 	##17 - 670k - 41771E	FRZING RAIN EZOP CRIZZLE	SNOW E/OR SLEET	HAIL	* 085 *IIH PRFCIP	FOG	NMORE FLOR BLOWING FAZE SNOW	DUST E/CR SAND	* ORS W/CB51 10 VI510N	TOTAL OBS	
 - 12	l 2.				•••••	7.2	7.5	• 3	• • • • • • •	8.2	305	
7= 34	1.	ذ∙و .				v • 3	1 4			18.4	3 C 4	
1-08	ı	ذ • 4				4.3	22.4			. 2 . 4	303	
5-11	F .	,				5 • 9	6.9			6.9	305	
114	1.	7 9.0				6 • 5	2.0			2 • 3	302	
11-17	1 4.1	. н.,				8.6	1 + 3		. 7	2.0	304	
20	1	7				1.2	1.6		• 3	2.0	3 C 5	
1-13	٠.	1.5				7.5	4 . 2			4.3	305	
TOTALS						0.6	a • 1	• ĉ	• 1	e • 3	2433	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEAMAC

PERCENTAGE FREQUENCY OF DICCURRENCE OF WEATHER CONVITIONS FROM LOURLY OSSERVATIONS

STATION NUMBER: 27595" STATION NAME: KAZAN USSR

PE !!	100	OF	FECORD:	78-8
			_	

								MONTH: SEC			
HNUFS (LS7)	! 	RAIN E/OR (RIZZEL	DBIZZFE	SNOW E/OR SLEET	HAIL	\$ 0ES WITH PRECIP	FOG	SMUKE EVOR BLOWING HAZE SNOW	DLST E/OR SAND	t ORS W/CBST TO VISION	1018F
.~+02		11.4	• • • • • • • • •	• 3	•••••	11 • 8	14.9			14.9	289
17-05	.3	1	•			10.2	21.8			71.8	293
L:+^8	l .	5.0		• 3		6 • 2	31.5		• 3	31.6	292
- 9-11	ł	9.1		1.6		9.2	18.3			18.3	495
17-14	1	11.5		• 7		12.2	6.6			6.6	286
15-17	1	13.6		• 3		13.9	3 • 4			3.4	294
10-27	1 1.4	13.0		. 4		13.0	9.8	. 7		9.5	285
71-23	I	11.2				11 • 2	10.9		. 3	11.2	294
TOTALS	1 .4	13.6		. 4		11 • 0	14.5	• 1	. 1	14.7	2328
19-27 71-23	1 1.4	13.0 11.2		• 4		13.0 11.2	9.8			9.5 11.2	28! 29:

STATION	NUMBER:	27595	STATICA NAME:	KAZAN USSR

PERIOD	CF	PECORD:	79-87
	•		

							MONTH: CCT				
 281004 11233	RAIN 157M5 670P (RIZZLE	FRZING RAIN 8/OP DEIZZLE	SNOW G/OR SLEET	FAIL	% OBS WITE PRECIP	FOG	SMURE E/OR BLOWING UAZE SNOW	DUST EZOR SAND	1 085 W/085T TO VISION	TOTAL OBS	
2-42-1	٠,٠	• • • • • • • • •	6.6	• • • • • • •	11.2	27.5	• 3		27.3	304	
27-85 1	4.0	. 7	7.5		12.4	70.4	. 3		30.7	376	
, 6-1 P	5.7	• 7	7 • 7		14 . 4	34.8			34.8	299	
9-11 1	٠, د	• 3	7 • 8		11.4	30 • 4	• 3		36.7	306	
17-14-1	5.0		5.0	. 3	10 - 1	23.5	• 3		63.6	298	
1:-17 1	5.5		5.6		11 - 1	19.1			19.6	306	
18-20 1	7		7.0		14.9	71.9	. 7	. 3	22.9	301	
. 1-73-1	4.4		5.7		4.8	22.2	. 3		.2.6	297	
101/65	5.00	•.:	6.6	٠ ي	11.6	76.2	. 3	• 0	ã6.5	2417	

GLOPAL CLIMATOLOGY READON USAFETAC AIR _LATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86 MONTH: NOV STATION NUMBER: 275957 STATION NAME: KAZAN USSR

								MONTH: NOV		
HOUPS (LS1)	1 c t m ? 	RAIN E/OR FRIZZLE	FRZING RAIN	SNOW &/OR SLEET	FAIL	3 OBS WITH PRECIP	FOG	SMOKE 1702 BLOWING FAZE SNOW	DUST \$ 085 C/OR W/CBST SAND 10 VISION	TOTAL 085
70-62	1 • 3	3.4		23.1	•••••	25 . 9	26.2	.7	26,9	290
.1-05	L	> • 5		25 • 6		28.7	26.6	1.5	27.6	293
6-08	i	ه • دُ		24.7		21.8	30.2	• 3	31.3	291
79-11	1	3 • ż		20.4		22.5	72.3	. 4	32.6	285
42-14	1	2.7	• 3	19.9		22.0	29.6	. 7	30.2	291
1 - 17	1	2.7	• 3	14.5		17 • 2	30 • 7		39.7	296
19-2C	ŀ	2.7	• 7	18.7		21.4	27.2	:.3	₹8.2	294
21-23	1	5.7	• 3	22.5		25 . 8	24.2	. 7	24.8	298
FOTALS	1	3.7	•2	21.2		23.9	29.4	.5 .7	29.0	2338

STATION NUMPER: 275950	STATION NAME:	KAZAN USSI	₹		PERIOD OF	FLCORD: 77-86
					MONTH: D	EC
				· • • • • • • • • • • • • • • • • • • •		
i	Calh	FD71Nc	CNOH	1 000	CHOKE	DIES 7

 FOUPS FOUPS	15105	RAIN EZUR FRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW L/OR SLEET	2 085 HAIL WITH PRECIP	FOG	SMOKE 1/08 SMOKE	BLO#ING	OUST E/OR SAND	T ORS W/CBST TO VISION	T 01 AL 08 S
^^-02 		1.0	•3	35.1	36.1	28.1	. 3		.7	29.5	302
€₹ + 85	ı	2 • 6		33.7	35 • 3	32.3		. 7		33.0	303
6-08		3	• 2	33.4	36 • 1	27.4	• 3	1.3	. 3	ž9.4	299
69 -11		1.4		17.7	18.7	*3.2	• 4	1.4		35.0	283
17-14 (. • 7		16.0	17.0	33.0	• 3	2.3	.3	36.0	300
15-17 1	ı	1 • 1		16.9	17.9	32.2	3	2.0		34.5	307
18-20	l	1.0		25.0	75 • 3	29 • 3	. 3	. 7		30.3	304
21-27	i	1.0		30.4	71.0	29.4	,	• 7		30.1	306
TOTALS		1.4	•1	26.0	27.2	10.6		1.2	. 2	32.2	2404

GLOBAL CLIMATOLOGY BEAGCH LSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONVITIONS FROM FOURLY 035ERVATIONS

STATION NUMBER: 275957 STATION NAME: MAZAN USSR

PEFICU OF FECORD: 77-87 MONTH: ALL

SNOW \$ ORS S/OR FAIL WITH RAIN FRZING SMORC FOG EVOR BLOWING DUST % OPS E/OR W/OBST TOTAL TSTMS E/UR FOURS RAIN 16571 1 LPIZZLE €/0₽ SLEET PRECIP BLAZE 51.Um SAND 10 DRIZZLE VISION · :: i JAN ALL I 37.9 31.6 24.7 27.8 2382 FEC . 1 • 5 +2 20.3 20.7 29.8 . 4 1.1 31.3 2187 MAR • ? 1.4 10.2 11.0 24.6 • 0 25.1 2394 AFP . . ٠٤ 6.1 2345 МАЧ . 7 4.9 • 5 4.7 2428 JUN 7.3 • 0 . 1 6.1 2367 JUL ل ه 6 • 5 . 1 • 0 6.9 2445 AUC. 8.1 6.6 • 1 9 . 3 2433 SEF 13.6 14.5 11.0 . 1 . 1 14.7 2328 001 5.6 6.6 11.6 26.2 • 3 .0 26.5 2417 NGV 3.7 ٠ (. •2 21.2 23.9 28.4 . 7 79.J 2338 DEC . : . 1 26 · J 27.2 30.6 ٠2 32.2 2404 TOTALS I . 7 . 1 10.2 14.5

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• つ SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

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BIVARIATE PERCENTAGE FREQUENCY TAPULATIONS OF SURFACE WINDS

DATA DERIVED FOOM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SEED IN HACES IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED. IN GOOD IN BOOKEN WIND SPEED IN GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNHALLY CALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY
LIMITATIONS: WHEN VISIBILITIS EQUAL TO OR GREATER THAN 1/2 HILES, THE CFILINGS ARE 200 TO 1400 FEET AND/OR WHEN
THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET. THE VISIBILITIES ARE 1/2 TERCUCH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".C" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PEPLENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATION $^{\rm C}$

AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: STATION NUMBER: 275950 STATION NAME: KAZAN USSR PONTH: JAN HOURSILSTI: 0000-0200 | WIND SPEED IN KNOTS | 1-3 4-5 7-10 11-15 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN DIPECTION | WIND IDEGREES) 1 10.7 3 . 7 N . 3 1.7 1.7 • ? 2.0 9.0 1.3 to tet . 3 2.0 2.3 12.9 tet. • 3 2.3 8 . 3 ENE 1.5 2.7 4.0 12.0 Ł • ? r qt 5.7 10.4 2.7 2 • 3 7.9 2.0 . 7 11.7 13.9 1.7 ٦, • 7 5 S F 1.0 2.7 7.3 2.0 1.7 14.7 14.8 . 3 . 3 15.7 14.1 10.7 1.7 5 . 7 2.0 5.3 5 S k 1.0 2.7 . 7 • 3 12.8 2.7 3.3 SW • 3 • 3 12.6 W 5 W 1 . ? 2.3 • 3 . 3 4.7 13.1 5.0 • 3 6.7 12.2 • 3 €.7 4.7 11.4 1.3 . 7 ls'a 1.0 1.0 11.9 tite. 11.7 1.3 . 3 100.0 TOTALS 2.7 . 7 . 3 11.8 51.7 7.7

GLOBAL CLIPATOLOGY ERANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTIC: VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

FEP10D OF RECORD: 19-87 MONTH: JAN HOURS(LST): 0300-0500

i							IN KNOTS						
DIFECTION IDEGREES)	1 -3	4-5	7-10	11-16	17-21	22-21	28-33	34+40	4!-47	46-55	GE 56	TOTAL	ME AN WIND
1.]	• • • • • • • • • • • • • • • • • • • •	••	1.7	1.3	+3				•••••			4.3	10.5
NNE		. 7	1.3	1.0								3.0	9.6
NF .		. 7	. 3	1.3								2.3	11.1
ENF			. 7	1.0	• 3							2.0	13.5
ι			1.7	1.3								3.0	10.7
rse		1.5	1.7	1.7								4.3	9.4
SF		1.7	1.7	7.0	1.7	. 3						12.3	13.9
5.58		• 3	1.3	5.3	2 • 7	1.3	. 7					11.3	15.7
5		. 7	3 • 3	10.6	2.0	.7	• 3					17.6	13.9
554		1.7	1.0	1.7	1 • 3							6.0	12.6
54		. 7	1.0	2.7								5.0	12.3
W 5 W		• 7		1.3	• 7	• 3						3.0	14.6
· ;		. :	2.0	3 • 3	• *							6.0	11.7
NNe		:	2.7	2.3								5 . 6	10.6
NA.			1.0	1.3	• 3							2.7	11.6
"N#		.:	1.6	• 3		• 3						2.5	12.2
VARIABLE	•			• • • • • • •	• • • • • • • •		••••••		• • • • • • •	• • • • • • •	•••••	•••••	•••••
CVFu	,,,,,,,,,	///////	,,,,,,,	1111111	,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	9.6	,,,,,,
10 TALS		9.5	22.3	45.2	٥, ٨	2.7	1					:00.0	11.5

GLOPAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOTRLY ORSERVATIONS.

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

TION NUMBER		314110	A Market	NACA . U.					MONTH:	GF ₽ECO₽ JAn		-67 	08 00
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••••	· · · · · · · · · ·	• • • • • • •		O SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	••••••
DIPECTION OBEGRACEST	1 - 7	4 -6	7-13		17-21	22-27	2 F- 33		41-47	4 × - 5 5	GE 56	TCTAL \$	ME AN WIND
N j	• • • • • • •	• 7	. 3	2.4	••••••	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • • •	•••••	3.4	11.2
N ME I		1.7	2.0	1.5								4.1	8.8
tet. į			1.7	. 7								2.4	10.6
int 1				. 7	. 3							1.0	14.3
E į		1.7	1 • 7	1.7								4.4	10.0
rsr			2.0	7.1	. 3							5.4	12.3
\$F		• •	1.7	6.5	1.0	.3						9.9	13.7
5 SF			3.7	5.1	1.7*	1.7						11.6	13.9
5 1		1.7	2.4	9.2	1.7	• 3						15.3	13.1
c 2 m		1.5	1.7	7.4	. 7	•3	. 7					6 • 8	14.3
5%			1.7	2.0	1.0							4.1	13.6
F SW		. •	1.0	7 • 1			• 3	• 3				5.4	14.0
•			1.4	4.4	• 3							6.1	12.4
a NW 1		1.5	2.4	1.4								4.8	9.6
tet.		1.0	1.0	1.5	• 3							3.4	9.3
7/14		• 7	• 7	:.0	. 3							2 • 4	11.9
VARIABLE 1	• • • • • • • •			• • • • • • • •		• • • • • • •			•••••	• • • • • • • •	• • • • • • •	•••••	•••••
COLH !	(1111111	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,		,,,,,,	///////	///////	,,,,,,,	9.5	111111
TOTALS		٦.۶	24.9	40.6	7 . 8	2.7	1.4	• 3				100.0	11.3

GLOBAL CEIMATOLOGY BRANCH USAFETAC AIR WEATHER SFRVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM FOURLY OBSERVATION:

STATION NUMBER: 2:5957 STATION NAME: KAZAN USSR

PERIOD OF RECORD: 78-87

MONTH: JAL HOURSILSTI: 0900-1100

			•••••	• • • • • • •		D SPEED	IN KNC IS		• • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIPECTION (THE GPERS)		4 - i	7-4-	11-16		22-21			41-47	46-55	GE 56	TOTAL	rean Find
λ		1.:		1.5		• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • •		2.5	11.1
nne	1 -	. 4	. 4	! • 1								1.8	10.4
fal.	! !	.,	. 4	1.5								2.5	11-1
ENL	! !	. 4	. 7	• 7	. 4							2.2	12.2
E			. 7	1.5								2 • 2	12.0
£ 5F	ļ. ·,		2.9	∴• 2					•			5.1	16.9
JL		. 7	2 • 2	7.6	2 • 2							12.7	13.4
اد *) }	. 4	2.5	7.3	1.8	• 7			. L			13.5	14.8
3	!		֥ 9	15.2	2.2	. 7	. 7					17.5	14.3
5 5 W	; !	1.1	1.5	. 4		. 4						₹.3	10.6
S# .	!		2.2	1.5	. 7							4.4	11.5
# 5 k	i i	• 4	1.8	1.5	. 4							4.0	11.7
•	į	• 4	1 • "	7.6	. 4	. 4						6.2	13.3
% felie	i '	. 7	1 • 5	1.1								3 . 3	10.2
:. .	, 	e 14	i • 1	1.8	. 4							3 • 6	12.3
Notes	; !		. 7	1.4								2.9	12.9
VARTARLE		• • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	••••••	• • • • • • •	• • • • • • •		
CALF		1111111	,,,,,,,	1111111	1111111	(//////	11/11/11	////////	,,,,,,,	1111111	,,,,,,,,	12.4	/////
TO TAES	, 	7+:	22.3	45.1	8.4	2.5	. 7		. 4			:03.0	11.3

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFLETAC FROM FOURLY OBSERVATIONS AIR REATHER SERVICEZMING

TION NUMBER:	215951	SIMILO	N44E:	KAZAF, US	. SR				MONTH:	OF GECOR JA∖		-97 7): 1200-	14 00
PIRECTION OTRECTION ODEGREEST	1 - 3	и-ь	7-10	11-16		ND SPEED 22-27	TH KNO 15 28-33	34-40	41-47	41-55	GE 56	TCTAL	ME AN
· · · · · · · · · · · · · · · · · · ·	• • • • • • •		. 3	1.7	• • • • • • • •	• • • • • • • •			• • • • • • • •	•••••	•••••	2.4	12.3
TINE		. :	1.3	:.7								3.4	9 .R
or		• *	1.0	1 • C								2.4	10.9
£50.		• ,	. 7									1.0	8.7
L			٠ ٠	2.7								3.0	12.5
1.51			1 • 7	2.0								4.0	10.5
2:		1 • 3	2.4	6.1	1.7	. *						11.8	12.9
run j		:	2.4	7 • 1	2 . 7	1.7	. 3					14.5	14 • 2
5			2.7	4.4	3.C	. 7						14.8	14.4
35.		• '	. 7	1.4	. 3	. 7		• 3				4.7	15.5
5.		1.5	1 • 3	1.0	1.0							4.4	11.7
45.			1.0	5.0								4.0	12.7
			1.7	7	• 3	, t	. 3					7 • 1	12.2
wha !		. *	• 3	2.7	1.7							4.4	14.4
5. j				٠. ٤	. 3							2.4	14.4
111/4		• 7	1 • 2	1.3	• *							7.7	11.0
VANTABLE !	• • • • • • •		· • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •			
CVC.	(11)111	////////	,,,,,,,,	////////	1111111	///////		,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	12.1	//////
. to the s		2 . 1	.9.5	45.5	12.€	3.7	. 7	. 3				102.9	11.4

TOTAL NUMBER OF GISEPVATIONS: 297

OLOGIZE CELEMATCHOUS PRIMICH PERCENTAGE FREQUENCY OF DECURRENCE OF SURFACE WINT OF ECTION VERSUS WIND SPEED USAFETIAG FROM FOURLY OPSERVATIONS.

STATION NUMBER: 275000 STATICH NAME: KAZAN USSR

PENTOU OF PLCORD: 78 37 MONTH: JAN HOURS(LST): 1500-1700

DE URILEST 1	1 -7	4 -15	7-1	11-15	17-21	22-27	29-33	34-40	41-47	44-55	GE 56	10146	ME A N WIND
	• • • • • • • •	• • • • • •				• • • • • • • •			• • • • • • •	• • • • • • •			
r. l		• !	1 - 7	7.0								4.3	1 C . 8
1.67		.;	1.0	٠. ن								7.6	11.1
N.L.		i •	• 7	• 3								2.0	7.3
- Cur			• 3	1.3								1 + 7	12.4
t I		• *	1.3	1.7								3.3	11+4
- 51		• '	2.5	4.6			. 3					7.3	12.5
- L			1.7	7.3	. 7	• 3						9.9	14.0
16.		. 7	2.6	٠.3	3.0	1.0	• 3					12.9	14.9
5		. •	4.0	7 • 3	3.0	1.7	. 3					16.8	14.0
55.				7.3	1.0							4.3	13.9
5W	• *	• 3	1.0	1.0	• 7							3 • 3	11.0
#5#		1.7	1.7	4.3	• 3		. ?					7.9	11.6
. !		. ,	:•0	2.6	• ?		• 3					4.6	13.6
37.6 J			1.0	*. 3		. 3						1.6	13,4
11.5			1.0	2.3	. 3							3.6	12.6
PONW		:•^	• 3	1.3	. 3							3.0	10.9
V/HIAHLE !		•••••						• • • • • •	••••	• • • • • • • •	•••••	•••••	
(7 LM //	,,,,,,,,	11/1/11	////////	1111111	(111111	,,,,,,,	,,,,,,,,	,,,,,,	11111111	,,,,,,,,	,,,,,,,,	7.9	111111
TOTALS I	. :	7 •	21.1	4 3	9.4	3.3	1.7					150.0	11.9

CLO 32L CLIPATION OF PRAICH PROCENTIALS FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFILIAG FROM FOURLY OBSERVATIONS

STATION NUMBER: 27895 - STATIC! NAME: KAZAN USSR

MONTH: JAN HOURSILSTI: 1800-2000 TOTAL PEAN the order t WIND n 1 , 1 1, 2 0, e , 7 5 12,5 5.0 ** 1.1 1.0 . 7 9.8 3.6 149 • ? . 7 1.7 10.4 100 • 3 1.0 1.7 10.4 1.7 2.1 : . 3 5.0 10.9 • 650 ***•** ? • 3 1. 3 5.6 12.5 . 7 4.3 1.3 • 3 11.6 14.0 • 5! ٠.3 3.0 • 3 2.€ . 3 13.2 15.0 7.3 2.3 12.5 1.: 3 - 3 14.6 . 7 15. 1.6 5.0 12.1 2.0 3.3 . 3 . 7 5.0 11.0 2.6 • 3 5.0 1.50 1 . 7 12.2 • 7 · . : . : 4 . C 13.4 1 2.6 . 7 4.0 13.0 2.1 2.6 4.6 11.6 * 1, a 9.7 . 7 2001A9L $\{\, \gamma_{ij} \, \alpha$

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PLEIOU OF PLCORD: 79-87

100.0

11.5

terral someth of observations: 7.2

11 14L1

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIR WHATHER SERVICEMMED PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND UTRECTION VERSUS WIND SPEED FROM FOURLY OBSERVATION $^{\prime}$

STATION NUMBER: 275957 STATICH NAME: KAZAN USSR PERIOD OF PECORD: #IND SPEED IN KNOTS

#IND SPEED IN KNOTS

#IPECITION | 1-3 4-5 7-13 11-16 17-21 22-27 28-33 34-40 4!-47 46-55 GE 56 TOTAL HEAN

**UPECITION | 1-3 4-5 7-13 11-16 17-21 22-27 28-33 34-40 4!-47 46-55 GE 56 TOTAL HEAN 1.0 1 - 3 • 3 10.4 1.1 • 7 . 7 . 7 3.7 10.9 . ? . 7 5 43 1.3 11.0 7.0 . 3 5.7 1.3 10.9 F-54 1.7 2.7 4.7 11.6 51 . 7 2.0 £ . 7 1.0 1.7 11.3 13.6 1.7 1.7 9.41 1.7 14.0 5.5E . 7 14.1 ι, F . 3 1.7 1.3 3.0 14.7 13.9 55. . 7 4.2 . 3 5.7 12.9 . 7 2.7 4.7 11.1 1.0 7.7 • 3 5.3 12.4 1.0 4.7 11.9 5.7 1.3 . · 3 12.5 3.7 1.6 1.3 1.3 • 3 3.3 11.5 tile. 1.7 1.0 2.7 10.0 CALH 6.3 /////

5.7

2.3

100.0

11.8

GLOBAL CLIMATOLOGY BRANCH DERCENTAGE FREDURNCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFLIAC AIR WEATHER SERVICE/MAC

				• • • • • • • •			IN KNOTS		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •
TOE GREEST	1 -3	4 -(1-10		17-21	22-21	2 g- 3 3	34-40				TOTAL	MEAN W1NO
1.		• 6	1.0	2.1	•2		••••••	• • • • • • •	• • • • • • •	• • • • • • •		3.9	11.5
NNE .		. 4	1.5	1.0								2.9	9.9
let !		, t,	9.	1.2	• 1							2.4	10.7
ENF !			• 6	• 7	• 1							1.6	11-3
L		• 5	1.2	2 • 1	• 1							3.9	11.1
F SE		, ti	2.0	2.7	- 1	•0	• 5					5.3	11.4
Sf		• 8	1.8	7.0	1 • 4	.4						11.4	13.5
551		• 7	2.5	6.5	2 • 3	. 9	. 4	• 0	• n			13.2	14.7
5		. 4	3.0	9.0	2 • 2	٠٩.	• 2	• 0				15.9	13.8
5 S K			۰۹	2.7	• 5	• 2	• 1	• 3				5.1	13.2
5 %	• ^	• *	1.2	2.1	• 5							4.3	11.7
15k		• "	1.2	2.7	• 3	•1	• 1	• 0				"• •	12.6
la I		• •	1.1	1.6	• 3	•1	• i					5.8	12.5
With a		• 5	1.4	2.2	• ?	.0						4.3	11.8
tive		• •	1.1	1.7	• 3							3 • 3	11.8
ti tisk		• *	• 0	1.1	• 1	•1						2.6	11.2
VARIABLE	• • • • • • •	•••••	•••••	• • • • • • •		•••••	••••••	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	
CV FA	,,,,,,,,	1111111	(1//////	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	9.3	111111
101463		•	.1.9	42.1	A . 9	2.4	.,		• 5			100.0	11.6

DEBUTE CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM POLICEY ORSERVATIONS ALR WEATHER SERVICEMMAC

STATION NUMBER									MCMTH:	FEE		11: 0000-	
DIRECTION (ULUCES)	l l 1-3	u + ₁ .	7-10	11-16	#IN 17-21	0 SPEED 2-27	1N KNO 1S 28-33	34-40	41-47		GE 56	TOTAL 2	MEAN WIND
te		1.	2.6	2.2	.7	• • • • • • •	• • • • • • • •	•••••	• • • • • • • •	••••••	• • • • • • •	7.0	10.5
NWE		1.1	1.0	1.8								4.8	9.8
Ņ₽	! !	1.1	2.6	2.6								6.2	10.2
r Mr		. 4	2.2	1.1								3 • 7	10.0
L	 -	• 7	2.2	1.1	. 7							4 • 8	10.6
ال ال		. 9	1.6	1.5								4.0	11.3
S.F.) !	. 4	1.8	4.0	. 4							6.6	12.7
5.50			1.5	7.6	. 7	.7						6.2	13.9
\$		• 4	2.0	3.6	1.5	.4						7.7	12.7
5.5*			• 7	1.5	. 4							2.6	13.3
نه د		. ?	1.8	1 • 8					•			4.4	10.5
Sh.		. 7	1 • 1	1.9								3.7	11.9
		:•:	2.6	2.9	. 4							7.7	10.6
to be as		• 7	. 7	1.1	.4	.4						3.3	12.7
la is			2 • 2	2.4								7.3	9.2
1: Ien		. • !	2.9	1.5	. 4							6.2	9.9
AVEIVATE	· • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••	•••••	• • • • • • •			•••••	• • • • • • •			
CVF. 1	111111111	,,,,,,,,	///////	///////	,,,,,,,	///////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	111111	///////	,,,,,,,,	,,,,,,,	13.9	111111
TOTALS		17.5	31.5	37.7	5.5	1.5						100.0	9.6

GLOBAL CLIMATOLOGY ERANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM FOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 27595" STATION NAME: KAZAN USSR

PERIOD OF PECORD: MCNTH: FED HOURS(LST): 3309-0500 WIND SPEED IN KNOTS
UITECTION | 1-5 4-6 7-18 11-16 17-21 22-27 29-33 34-40 43-47 48-55 GE 56 TOTAL PEAN (UFGREES) 1 WIND 14 3.6 10.4 N: N:F 3.3 13.0 1.5 5.8 10.9 F 148 1.4 1.0 4.0 10.2 . 7 . 7 2.9 4.7 t. . 4 12.1 ESE 2.2 4.0 1.1 10.7 ST 1.1 3 • 6 5.4 12.6 . 5 SF 2.2 2.5 . 4 5.9 13.0 ٠, 15.5 2.9 11.1 4.9 10.8 1.4 1.4 5.8 10.7 2.9 2.2 . 7 6.9 11-1 n 14 m . 4 . 7 . 7 . 4 2 • 2 11.8 N. 1.4 1.4 7.5 5.8 10.4 t. ten 1.8 5.8 10.6 17.4 ///// TO TALS 25.0 5.1 37.7 2.2 100.0 9.6

GLOBAL CLIMATOLOGY PRAYCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM FOLKLY OBSERVATION."

100.0

9.4

AIR WEATHER SERVICE/MAC

PERIOD OF PECORD: STATION NUMBER: 275950 STATION NAME: KAZAN USSR MONTH: FEE HOURS(LST): 0630-08CC STONN NI CEER ONLY 41-47 49-55 GE 56 17-21 22-27 28-33 34-40 TOTAL MEAN 010101108 7-10 11-16 WIND (DEGREES) | 9.9 2.9 3.3 7 • 3 . 4 2.5 AL DE . 7 . 4 1.1 . 4 11.9 14L 1.1 2.2 2.5 . 4 6.2 10.5 . 7 2.9 11.5 E NE 5.5 12.2 ŧ. . 4 2.2 2.5 10.8 . 4 1 SE 1.8 . 7 . 4 6.5 11.5 3.3 SL 2.9 r se 5.5 11.7 2.2 7.5 . 4 6.9 1.5 12.8 5 2.9 . 7 1.8 5.8 13.2 554 2.2 2.5 . 7 3.3 10.7 S . . 7 . 4 2.2 KSW 1 - 1 1.5 1.8 4.4 10.3 12.9 2.9 1.1 1.5 • 7 witen 1.5 1 . 1 1.1 11.3 . 7 • 7 1.5 1.5 11.0 fe m 9.9 . In 1.5 1.5 1.5 . 4 VARIABLE 17.5 ////// CALM

6.5

1.5

TOTAL NUMBER OF ORSERVATIONS: 275

TOTALS

GLOBAL CLIMATOLOGY PRIVICE PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM FOURLY OBSERVATIONS.

AIR WEATHER SERVICE/MAC

STAYTON NUMBER: 275950 STATION NAME: KAZAN USSR

PENTOD OF FECORD: 78-87
HONTH: FEN HOURS(LST): 0900-1100

1						ND SPEED							
DIPECTION ! LOFGPEEST !	1 -3	4 -6	7-15			22-21	2F-33	34-40	4?-47	48-55	GE 56	TOTAL	m I N D
N .		1.1	1.6		.4	• • • • • • • •	• • • • • • • •		• • • • • • • •	••••••		8.7	11,5
N Set		۰.	.8	* 11	. 4							2 • 8	11.0
ivE.		. ^	1.6	1.2								3.6	10.0
THE !	• 4		1.6	2 • 8								4 - 7	10.7
t.			2 • 0	1.6								3 4 6	10.7
± 2€		. 4	1.2	2.4	. 4							4.3	11.9
SE		. 4	2.0	2.8	. 8							5.9	12.0
551	•		. 8	2.8	• 4							4.1	13.5
s i		1 • 2	2.0	₹•2	. 4	.4						7 - 1	11.7
556 }		1.6	• 8	1.2	.8							4 . 3	10.9
S⊮ İ İ		• ;	2.4	2.0								5 • 1	10.3
WSW 1		: • ?	. 4	2.4								4.0	10.8
i i		• •	2.4	4.3	. 4	•4						P . 3	12.6
h feh		1.2	2 • 0	2.4	. 4							5.9	10.7
NH I		• 2	1 • 6	. P	. 4		. 4					4.0	12.6
lelen		1.2	3 • 7	2.4								6.7	9.4
V/FIAGLE	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	•••••	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	
CFER	,,,,,,,,,,	1/////	////////	1111111	1111111	///////	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,,	17.0	/////
TOTALS	, tı	12.1	20.1	39.3	4.7	.9	. 4					130.0	9.4

GLOBAL GLIMATOLOGY DRANCH USAFLTAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

STATION NUMBER	275953	5141104	NAME:	KAZAN US	SR				PERIOU (OF FECOR		87): 1200-	1400
		•••••	•••••	• • • • • • • •	** * * * * * * * * * * * * * * * * * *	n spren	IN KNOTS		• • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
DIFECTION FUEURIES)		4 -6	7-15	11-16			29-33		41-47	48-55	6E 56	TOTAL	ME A N
1.		1.6	2.2	4.0	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	7.6	10.8
j		• • •											-
t: NE			. 7	2∙5	. 4							3.6	13.7
1.6		. 7	1.5	2 • 2	. 4							4 . 7	11.3
fat			1.1	1.5								2.5	11.1
Ĺ		, q	1.1	1 • 8								3.3	12.0
r 2£	i -			1.1								1.1	13.3
st		. 4	2.9	2.5	1.5							7.3	12.7
n sf		• *	1.9	3.6	1.1							7.3	12+1
s		:•5	2.5	2.5		.4						6.9	11.1
5 S.	 		:.1	1. 4	. 4							3 . 3	13.7
Sir			3.2	2 • 5								4.7	11.1
7.24		• 7	1.8	7.9	. 4							5.8	11.2
•		. 4	2.9	6 • 2		• u						9.8	12.6
to Pale			. 7	2 • 2								2.9	11.8
fs to		1.1	1.5	1.8	. 7							5 • 1	11.1
F NW		: • 1	2.5	1 • 9								5.5	9.5
VARIAPLE	· • • • • • • • • • •	•••••		• • • • • • •	•••••	•••••		• • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • •	•••••	
					1111111	,,,,,,,,	,,,,,,,,,,		,,,,,,,,	,,,,,,,,	,,,,,,,,,	18.5	11111
1]												
TOTALS	i	: . u	20.5	41.1	4.7	•7						100.0	9.5

GLO3AL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM FOURLY OBSERVATIONS

PER100 OF RECORD: 78-87 MONTH: FEE HOURS(LST): 1500-1700 STATION NUMBER: 27595" STATICK NAME: KAZAN USSR

•••••	• • • • • • • •			• • • • • • •		NN SPEEN	IN KNOTS	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • • •	•••••
DIPECTION IDEGREES)		4	7-13	11 - 16		22-27	28-33	34-4C	41-47	48-55	GE 56	TOTAL 3	ME A N WIND
N	!	1.1	1.8	4.9	.4	• • • • • • •	••••••	• • • • • • •	• • • • • • •		• • • • • • •	7.3	11.4
NIE	!	1 • 5	1.5	1.0	1 - 1							5.8	11.6
1.6	i !	• •	1.5	7.3								5.5	10.8
1.00	!		. 7	. 7								1.5	11.0
£	1 	. 4	. 4	1.5	• 7							2.9	13.3
r 2L	 	. 7	. 7	1.9								3.3	11-1
St	!	• 7	1 - 1	1.3	. 4	.4						4.4	12.8
5.85	į	. 7	2 • 5	2.9	1.8	. 7						9.7	13.1
٤	!	1 • •	1.1	4.0	. 4	•4						7.6	11.8
5 Sw	; 		1.5	1.5	. 4							3.3	13.0
Sw	į	1.1	1.5	1.5								4.0	9.8
₩SW	į	. 7		5 - 1	• 7							6.5	12.8
k	į	1.5	2.9	8.4	• 4							13.1	11.8
Wilen	ĺ			2+5	• u	.4						3 . 3	15 • 3
l+n	!	1 • 1	1.1	. 7								2.9	8.3
*1 few	i I	1.1	3 • 3	• 1	• 4							5.5	9•1
VAPIASLE	· · · · · · · · · · · · · · · · · · ·			• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	
CALM	!	///////	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	111111111	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,	14.5	/////
10 TALS	 	1:.1	∠1.5	41.2	6.9	1 • •						100.0	10.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM FOURLY OBSERVATIONS

ATT MEATHER SERVICE/MAG

PERIOD OF RECORD: 79-87 STATION NUMBER: 27595" STATION NAME: HAZAN USSR HOWTH: FEE HOURSTLST): 1800-2000 #IND SPEED IN KNO IS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 TOTAL 41-47 48-55 GE 56 MEAN FIND COEGREES! ! 11.4 4.0 7 . 6 . 7 . 7 12.0 3.2 . 4 1.1 1.1 . 7 Nine 5.4 NE 1.1 2.5 1.6 10.3 3.2 11.7 î M 1.8 1.1 . 4 Ł 2.5 1.4 . 4 . 4 5 . 4 11.2 2.9 FSt 1.1 . 7 . 4 10.6 1.4 1.8 5.J 13.1 3.6 . 4 5 ST 1.4 7.0 6.1 14 • 1 8.6 2.2 4.3 12.0 ż 1.4 3.2 10.7 5.5% 1.4 i - 8 9.8 6 • 1 2.2 2.2 54 1.4 4.7 9.8 35 x 1.0 2 . 1 12.5 10.9 4.3 5.8 . 4 al Na 1.1 2.5 4.3 12.3 2.5 11.0 1.4 10.0 • 7 VERTABLE CFF 16.2 /////

3 ? . 2

100.0

TOTAL NUMBER OF ORSERVATIONS: 278

TO TALS

GLOBAL CLIMATOLOGY PRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSERVATIONS

AIR MEATHER SERVICE/M/C

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF FECOPO: 79-R7 #E-100 OF 1 CLOPUT 7--47

MONTH: FEE HOURS(LST): 2100-2300

#IND SPEED IN KNOTS

BIPECTION | 1-3 4-6 7-10 11-16 17-21 27-27 28-33 34-40 41-47 46-55 GE 56 TCTAL MEAN

TOT GREES | 1 I DE GREEST | ONIW ..., 7.2 11.9 1 • 4 3 . 6 1.4 1.14 7 - 2 3.6 . 7 . 7 11.0 . 4 2.9 1.1 . 7 5.0 11.1 fet. Fint 4.0 11.6 . 4 1.4 2.2 5.4 Ł 1.1 1.6 2.2 . 4 10.6 FSE 1.4 1.1 . 4 3.6 10.7 1.9 11.3 1.8 3.2 . 7 13.7 5 SE . 4 5.0 3 1.1 12.3 2.2 55. . 7 1.4 11.3 1.8 4.3 5 * 1.1 1.1 10.6 9.1 . 7 4 S. 1.1 2.5 • ፣ 11.0 . 7 4.0 2.9 7.9 1.5 7.7 10.7 2.50 . 4 5.4 . 4 Ne . 7 . 4 1.4 2.5 10.9 4.1.4 VARIABLE CALT 16.2 ////// TOTALS 100.0 9.5

TOTAL MIMPER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIBECTION VERSUS WIND SPEED USAFETAGE FROM MOURLY OBSERVATIONS.

STATION NUMPER	: 27595 1	514110	NAME:	KAZAN US	59				₽£≈1∩0 ₩7N₹H:	GE FECOR	D: 78-	-87 T): ALI	L
	• • • • • • • • • •	• • • • • • •				 naada nu	IN KNOTS		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
OFFECTION 1 TOE UPZEST 1	1 -3	4-5	7-17	11-16			28-33		41-47	40-55	GE 56	TOTAL	MEAN Wind
	• • • • • • • • •	• • • • • • •		••••			• • • • • • • • •	• • • • • • •	•••••	• • • • • • • •			••••••
" ;		1 • 1	2.4	3 • 7	.4	.7						8.2	10.9
મળાં [[• 7	1.0	1.6	. 4							3.7	11.7
NE I		د .	2.2	2.2	• 2							5.3	10.7
Fat I	• :"	• ?	1.4	:.6	• 1							3.3	10.9
		• r	1.6	1.7	• 3	- 1						4.4	11.5
r 51 1		• r	1.0	1.6	• 1							* • 3	11.1
5F		• *	2.0		• 6	.1						6 • 1	12.3
5.56		. 4	1.8	2.9	• 8	.4						6.3	13.1
s į		1.0	2.0	7.5	. 7	.4	• 0					7.7	12.5
5.5%		• ~	1.2	1-5	. 4	٠,						3.4	12.2
5# j		• ¢	1.6	2.0	• 1							4.5	10.4
W.S.W.		1.7	1.2	2.2	• 2	.1						4.7	10.9
-		1.1	2.9	4.4	• 5	• t						9 • 1	11.6
أ سياسا		• c ,	1.5	1.6	• 3	• >						4.3	11.5
t.e.		1.1	1 • ?	1.6	• 3		• C					4.3	10.5
hitem 1		:•:	2.1	1.6	• 2							5 • 1	9.8
VARTAGLE F		· • • • • • • •		• • • • • • • •		•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	
CALM !	,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	1111111	(1/////	(1111111	1111111	11111111	,,,,,,,,,,	///////	16.4	(11111
101055	•	11.7	21.5	3 7 - 1	5.6	1.0	• 1					100.0	6.6
***********	• • • • • • • •				•••••								

GLOHAL CLIMATOLOGY PRANCHUSAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND LIRECTION VERSUS WIND SPEED FROM FOURLY OBSERVATIONS

PETIOD OF PECORD:

78-87

AIR WEATHER SERVICE/MAC

STATION NUMBER: 275957 STATION NAME: KAZAN USSR

MONTH: MAR HOURS (LST): 0000-0200 I DO SPEED TO KNOTS 17-21 22-27 29-33 34-40 DIDECTION | 11-16 41-47 41-55 GE 56 MEAN IDE GREEST 1 1 WIND 3.0 . 3 6.0 7.9 1, 14 . ; 1.3 . 3 2.3 8.7 ٠.٠ 2.0 140 . 3 4.3 8.2 E NE 1.7 1.7 . 3 8.3 L 9.8 E SE 1.5 2 • 3 3. 7 11.0 3! 3.0 5.7 9,4 11.7 5.0 2.3 1.0 SSE . 7 10.3 13.0 1 . 7 4.0 4.7 . 7 11.7 10.9 2 . ? 5 .. 2.0 4.3 10.6 5 4 1.7 2.3 1.3 9.7 # 5 A 1.7 10.4 2.3 11.9 3.3 1.3 2.3 19.0 . 7 1.0 . 7 2.3 13.0 2.3 1.7 11.2 CALI 17.4 ///// TUTALS 30.8 33.1 3.0 1.7 109.0 6.8

GLOCAL (EIMATOLOGY PRINCH USAFLIAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PED100 OF PECORD: 78-87 HONTH: MAE HOURS(LST): 0300-0500 STATION NUMBER: 27575" STATION NAME: HAZAN USSR

	• • • • • • • • • • • • • • • • • • •	• • • • • • • •		• • • • • • •	w I A	(U SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	•••••		••••••
(DE OB = £ 5)		4~6	7-18	11-16	17-21	22-27	29-33	34-45	41-07	48-55	GE 56	TOTAL	MEND
74	! !	2.6	1.3	2.3			•••••	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	6.2	9.3
MAE	!]	. 7	2.3									2.6	8 • 3
t _{st.}	! !	:•*	2.3	1.3								4.6	9 • 3
FTeE	,]		1.6	• 7								2.3	9.7
ŧ	!	• 3	1.6	. 7	. 3							3.0	11.0
t. 2E	1	. 7	3.0	7•C	. 3							6.9	11.0
51	! !	c + F	3 • 3	د ه								11.9	10-4
٠ ٢٤	! !	1 • 3	3.6	u • 6	. 3	.7						10.5	11.8
5	1 	2.1	2.0	5.3	• 7							9.9	11+3
5.5%	(• *	1.3	1.1								2.6	10.3
ઝ <i>ન</i>	; [2.7	1.6	1.6								۴.6	8 . 6
* 5 *	 	. '	. 7	2.5								3.0	11.ª
•	! [• 7	• 3	3.6	. 3							7.3	13.8
M Ian	! !	• *	• 2	1.3								1.6	11.5
Polivi	i i	• *		1.3								1.6	13.2
Patak	i I	. • •	2.6	7.0		. 3						6.9	9.6
VENTAGE	••••••••••••••••••••••••••••••••••••••	• • • • • • • •		• • • • • • • •				• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••
CI L"	! ! <i>!!!!!!!!!!</i>	,,,,,,,	11111111	///////	,,,,,,,	11:11111	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	17.4	111111
TO TAES	f] 	17.1	26.5	34.2	2+0	1.7	• 3					130.3	e .7

GEOGRAP CELMATOLOGY PRANCH. USAFETAC

PROCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIFFECTION VERSUS WIND SPEED FROM MOURLY OBSERVATION?

AIR MEATHER SERVICE/MIC

STATION NUMBER 275050 STATION NAME: KAZAN USSR PENIOE OF FECORD: 78-87
MONTH: MAG HOURS(LST): U600-0800 OE 56 SE 22-27 28-33 34-40 41-47 44-45 GE 56 SPECTION I 7-10 TITAL 11-16 THE GREET T WIND :.6 .3 3.6 10.2 6.6 1,14 1.6 2.7 . 7 4.6 8.9 • 3 2.3 9.0 140 1.3 1.0 2.3 1.50 1.3 10.3 1.6 2.0 • 3 4.6 11.1 1:11 2.0 1.6 . 3 • 7 5.9 10.9 7.5 • 3 13.1 11.5 ٦, 1.6 3.6 5 5 4.3 . 7 11.8

:.-F . ? • 3 8.0 12.0 1.6 15. . . 3 4.3 F. . 9 1.0 . . 1.3 9.2 1,4 1.1 1.1 ز ۱۰ ز 2.6 . 7 17.3 050 2.0 1.6 1.3 3.6 10.0 + 1.4 . ' 1.3 1.5 11.2 12.2 1,1,7 9.3 1.6 v*~!4!{!

CALS 17.2 ///// 10.171.5 2 • 3 1.3 100.0 8.9 31.5 34.4 11.4

TO THE NUMBER OF DESERVATIONS:

GLOBAL CLIMITOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

#IND SPEED IN KNOTS

DIRECTION | 1-7 4-6 7-10 11-16 17-21 22-27 2P-33 34-40 41-47 48-55 GE 56 TOTAL #FA-10.3 2.6 8.3 TINE 1 . 1 1.5 . 4 2.9 t.L 1.8 2.2 5.1 9.9 FNF 2.2 8.3 • 7 ŧ . 7 . 7 9.5 1. 9.0 1.50 2.2 3.6 11.5 10.2 10.5 1.5 4.7 3.5 3.6 , SE 7.3 13.1 1.5 3.6 . 7 11.3 9.8 1.5 4.4 5 1.6 . 7 11.9 5 S X 1.1 3.3 9.1 1.1 . 7 2.2 11.8 • 7 1.8 10.0 . 7 2.2 . 7 13.6 9.3 4 16W 1.1 1.1 1.0 3.3 f. a 1.1 12.9 9.7 Nilla 3.3 5.5 1.5 CFEH 17.2 ////// 10.1465 100.0 29.6 24.3 3 • 6 1.1 8.9

CLOGAL CLIMATOLOGY SRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIFFCTION VERSUS WIND SPEED USAFETAG FROM POURLY ORSERVATIONS. AIR WEATHER SERVICE/MAG

TION NUMBER	: 275953	2141161	NAME:	KAZAN US	5 H				PERIOD HTMCM			-87 11: 1200-	1400
		•••••			#IN	O SPEED	IN KNOTS	•					• • • • • •
DIFECTION CULUFICS 1	1 -3	4 -5	7-40			•	28+33					TOTAL	ME A N WIND
ri ļ	• • • • • • • • •	• 7	1.7	1.7	.7	•••••	•••••					4.7	11,6
t. NE		2.5	1.7	2.3		•3						6.4	10.5
fet		1.7	1.3	1.3								4.4	9.1
F 46.			• 3									. 3	8.0
L				. 7	• 3							1.0	17.0
rat [1.0	. 7	2.0								3 • 7	10.5
21		1.0	1.3	3.7	. 7							6.7	11.9
5.51		3.0	4.4	7.4	1.0	. 7						16.4	11.6
5		4.7	4.0	P • 1	1.0							14.4	11.7
55%			. 7	3.7	• 3							4.7	13.9
5w 1			1.7	1.7								3.4	11.8
+ 5			1.0	1.0	• 3							2.3	12.4
- [• 7	1.0	4.3	• 3							5.7	13.2
s tan			• 3	. 1.0								1 . 3	12.5
74m }		• 1	1.0	1.7								3.0	10.7
5.50		1 • 7	1.5	. 7								3.0	8.7
			• • • • • • • •	• • • • • • •	•••••	•••••			• • • • • • • •				
i	,,,,,,,,,,	(1/1/4//		1111111	11111111	1111111	/////////	(1/////	////////	///////	.,,,,,,,,	18.5	(11111
TO 1765 1			22.1	41.3	4.7	1.7						107.3	9.4

GEORAE (LIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MIC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WILD DIFFECTION VERSUS WIND SPEED FROM FOURLY OBSERVATIONS

PERIOR OF RECORD:

79-87

STATION NUMBER: 27595: STATION NAME: KAZAN USSR

WIND LUEUREES) I * 6.6 13.4 9.9 ti Ni 3.3 1.7 • 3 5.6 1.3 3.7 10.2 N: . : . 3 . 7 11.3 1 15 . 7 1.7 • 3 • 3 12.6 ٤ :.. 3.7 9.1 f Si 1.0 1.0 9.6 2.0 7.3 • 3 3.0 10.3 12.7 1.0 15.9 5 5. ٠, ، 3.3 6.3 1.7 5 . 7 7.3 5.5 14.6 10.8 5 5 K 2.3 2.7 5.3 11.6 1.0 2.0 3.7 11.3 • ? 1.3 . 3 2.3 13.2 W 5 m 1.3 6.6 14.2 . 7 4.3 3.0 • 3 1.3 1.3 12.1 امتانه 2.3 1.0 44.3 . 7 . 3 11.0 15.7 1. N. 1.0 VARIABLE ! CALP 15.6 ////// TUTALS 39.5 4.7 100.0 9.7

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND CIRECTICN VERSUS WIND SPEED FROM FOURLY ORSERVATIONS

STATION NUMBER: 27595" STATION NAME: KAZAN USSR

PEDITO OF FECORD: 79-87 MONTH: MAR HOURS (EST): 1800-2000 DIFECTION | 1-3 4-6 7-13 11-16 17-21 22-27 29-33 34-40 41-47 45-55 GE 56 TOTAL ME A N IDE CHEEST | • 7 2.5 7.3 6.0 10.9 1.0 NE 1.7 4 . 6 8.3 2.0 9.6 8.9 N.E 1.0 8.7 ENE • 3 3.6 Ł 1 . 7 1.3 . 3 10.1 1.1 1.7 2.6 . 3 5.6 1 2 E 11.1 . 7 \$7 2.7 3.3 3 • C . 7 9.9 11.3 5.55 1.7 5.3 ۴. و . 3 12.6 11.0 6 . C 7.3 - 3 . 3 14.9 5 Sw 1.3 2.3 11.3 • 3 11.9 . 7 > S w . 7 1.7 • 7 . 3 9.9 . 7 5.0 . 7 12.0 1 . 7 1.3 1.0 • 3 14.2 M Now . 3 3.0 . 3 . 3 . 7 11.0 1.74% VERTABLE CALM 13.2 ////// 100.0 TOTALS 2.7 • 7 9.6

FOIAL NUMBER OF ORSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SFRVICE/MAC PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE WIND CIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF PECOPD:

7 P - E 7

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

MCNTH: MAR HOURS(LST): 2100-2300 HIND SPEED IN KNOTS 17-21 22-37 28-33 34-40 DIPECTION ! 48-55 TOTAL GE 56 IDEGREES) 1 RIND ly 2.5 9.3 NA 1.0 . 3 1.3 8.5 :•^ 1.3 135 . 7 2.9 8.7 Che 2.6 2.6 9.0 Ł 2.0 • 3 . 3 9 . 2 4.6 FSE . 3 1.6 5.2 11.8 s: 1. 3.9 5 . 2 1.0 - 3 11.8 11.9 SSE 2.9 6.5 . 7 . 7 . 7 11.4 12.7 5 1.0 5.2 2.3 . 7 12.1 10.4 • 3 554 . 7 2.3 3.9 1.0 · . . • 3 5. 2.0 5 . 2 P .7 . 3 . 51 2.0 12.0 • ? 2.0 12.1 No. Comp 1.3 1.6 . 3 4.2 10.7 Nk • 3 . 7 • 3 1.6 13.8 2.3 2.9 . 3 12.3 VARIABLE CALH 16.3 ////// 9.2 13.1 35.0 3.6 2.7 100.0

GLOBAL CLIMATOLOGY REANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 27595" STATION NAME: KAZAN USSR PERIOD OF PECORD: ALL HOURS (LST): DIPECTION | 11-16 17-21 22-27 2°-33 34-40 41-47 48-55 GE 56 TOTAL ı WIND 2.5 2.1 1 ⋅ € . 2 1116 1.8 . я 1 . 1 .0 .0 3 . A 9 . 2 1.0 145 1.7 1.1 4.9 9.1 1.46 1.3 . 3 9.0 1.0 • 9 • 2 2.9 10.6 r se . 2 • 1 5.7 11.0 SE 4.7 3.1 4.9 • 1 10.2 11.2 6.2 536 1.7 3.9 • 7 • 5 12.6 12.0 1.5 4 . C . 5 5 4.6 . 1 11.5 11.2 55. . 4 1.5 2.0 . 1 11.0 1.7 3 W 1.3 . 1 10.0 • 9 1.4 • 1 2.7 11.4 • £ 7. ₽ . 4 • C 12.7 k lisi • 0 2.3 11.6 1 • C • 3 • 3 12.2 ** 11 ***** 1.5 • 2 VARIABLE CALM 16.6 ////// 10 1165 3.3 1.3 100.0 9.2

ULOBAL CLIMATOLOGY BRINGH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND CIRECTION VERSUS WIND SPEED USAFETAC FROM POLICLY OBSERVATIONS

AIR WEATHER SERVICE/MIC

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF PECOPO: 78-87

MONTH: APP HOURS(LST): 0000-0200

IRECTION DEGREEST	1 - 7	t , ~ ',	7-10	11-16	17-21		IN KNOTS 28-33		4!-47	66-62	GE 56	TCTAL Z	ME AN WIND
i ₄ 1	• • • • • • • • •	• • • • • • • •	1.7			•••••			• • • • • • • •	••••••	• • • • • • •	2.7	8.8
NNE 1		1.4	1.7	1.7								4.8	9 • 1
NE	. :	. ?	1.0	7.0	• 3							4.1	11.1
Fat I			1.7	• 3								2.0	e . 7
.		. ?	3.1	1.7		. 3						5.8	10.5
FSE 1		• 7	3.1	1.3		• ?						5.1	10.6
SE J		. 7	5 • 1	2.4	• 3							8.5	10.0
S S E		1.7	3 . 7	3.4								8.8	10.3
ا دُ	.;	2.7	2.7	3.4	• 3							9.8	9.9
5 SW !		1.0	1.7	2.4	• 3							5.4	10.6
5 m 1		1.7	2.0	1.7		• 3						c • 1	10.6
ki San		, 7	7.5	1.4	• 3							4.4	10.4
. !			2.0	1.0	. 7							5.8	9.9
in fain		1.7	2.4	1.0	• 3							4.8	9.9
Nw			1 • 4	. 7								2.0	10.7
5.94		• !	1.0	0.0	. 3							3.1	15.6
I VARIARLE I	• • • • • • • • •			• • • • • • •					•••••			• • • • • • • • • • • • • • • • • • • •	
i		,,,,,,		(111111)			(,,,,,,,,		.	,,,,,,,,	18.0	,,,,,,,,
TOTALS	,,,,,,,,,		36.4	26.9		1.2						100.0	8.4

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SEEVICEMMAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATION!

C

16,

							•		MONTH:		*******	11: 0300-	•••••
IPECTION F DEGREEST	1 -3	4-6	7-10		17-21	AD SPEED	28-33)	41-47	40.455	GE 56	TOTAL	ME A N
4 !	• • • • • • • •	. 7	2.4	. 3	• • • • • • • •	••••••	•••••	•••••	•••••	• • • • • • • •		4.4	8,3
'. NE		. 7	. 7	2.4	• 3							4 . 1	12.1
ret		• *	. 7	2.0								3.1	11.5
the			3.7	1 . 7								5 • 4	10.0
L			2.7	. 7								3.4	9.4
F S E		1 • 4	1.4	1.3								3.7	9 • 1
SE		• 1	5.1	2.4			• 3					9.1	10.9
: St.		• •	5.4	4.4								11.5	10.5
5		1."	2.4	4.1	• 3							7.8	11.0
\$ 5		• •	3.1	2.7								5.4	10.4
Sh		. 7	. 7	2.0								3.4	1 C • 4
454		• ?	1.0	5.0	• 3							3.7	11.4
•		; • ⁻	. 7	1 • 7		. 3						4.7	10-4
in Tabl		• 7	1.4	2.4								4,4	11.2
и.		• :	1.4	:.7	. 3							3.7	11.4
14.5%		. 7	• 7	1.4	• 3							3.1	11.4
ALPINOTE I			•••••	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	•••••		•••••
CELM I,	,,,,,,,,,	1111111	11/1////	11111111	11111111	1111111	///////////////////////////////////////	1111111	11111111	///////	///////	19.0	/////
TOTALS		11.5	34.2	31.9	1.7	. 3	. :					130.0	8.6

DESIGNAL CERMATHLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIHECTION VERSUS WIND SPEED FROM HOURLY OBSERVATION ($^{\prime\prime}$

79-97 PECICO OF RECORD: MONTH: APP HOURS (LST): 0630-0800 #IND SPEED IN KNOTS
DIPLOTION | 1-3 0-6 7-13 11-16 17-21 27-27 28-33 34-40 MEAN ¥ WIND (CE UPEES) 3.1 9.8 2 • 1 NINE 1.0 1.4 . 7 4.2 12.0 4.2 1.0 . 3 11.8 1.1 1.4 . 3 4.2 10.8 Fiel 2 - 1 4.8 9.7 :.. 2.1 1.7 4.5 . , 10.2 1.4 1.5E2.8 10.4 10.9 SE 5.2 3.8 • 3 9.3 9.6 2.4 535 4.0 9.3 11.1 5 4.2 SSW 1.4 4.2 10.5 1.7 5.9 10.5 Sin 9.9 1.0 . 3 • 3 2.4 W 5 m 4.2 9.8 : . 7 1.0 1.0 . 3 4.5 11.5 1.7 2.4 In the 2.4 14.0 1.5 • 3 1.4 • 7 N: 14% 10.0 VARIABLE ! 17.3 ///// CALP 190.9 P .8 TOTALS 37.2 3.1

GLUBAL CLIMATCLOGY ERANCHUSAFLTAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOU OF PECORD:

11.9

9.6

14.3 //////

100.0

AIR WEATHER SERVICE/MIC

STATION NUMBER: 27595" STATLER NAME: KAZAN USSR

MONTH: APE HOURS(LST): 0900-1100 #IND SPEED IN KNOTS
DIRECTION | 1-7 4-5 7-10 11-16 17-21 27-27 28-33 34-40 41-47 45-55 GE 56 TOTAL MEAN OF OBSEST WIND . 7 3.1 . 3 11.5 í. MAL 1.0 . 7 4.2 1.7 11.9 2.4 2.1 4.5 11.4 NE. 2.8 1.4 . 7 11.1 I NE . 7 2.1 3.5 10.6 ŧ 9.0 F 5E 1.0 1.0 2.8 55 . 3 7.3 10.2 5 SE ٠.٠ 2.5 3.1 • 3 9.1 10.1 1.7 12.0 1. . 7 • 1 4.0 554 11.0 2.8 2.4 10.9 2.4 11.9 4 S w 1.4 . 3 . 3 5.0 2.1 2.4 • 3 5.2 11.1 . 4 3.5 12.7 1100 . 7 . 3 . 7 145 1.7 3.5 12.4

TOTAL NUMBER OF OBSERVATIONS: 286

21.00

VANIAGEE

TO TALS

CLUMAL CLIMATULOGY FRANCE FREQUENCY OF OCCURRENCE OF SUPFACE AIRD DIRECTION VERSUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS. AIR REATHER SERVICE/MIC

PENIOU OF RECORD: 78-87
MONTH: APP HOURS(LST): 1030-1400 STATION NUMBER: 275950 STATION NAME: KAZAN USSR

OIMECTION (] · 1-3 	4-1	7-10	11-16	#15 17-21		1N KNOTS 28-33	34-4C	41-47	40-5	GE 56	TOTAL	MEAN WIND
t,	1		1.4	1,0	• • • • • • • •	• • • • • • • •				• • • • • • • •		2.4	16.6
Pr By E	1		. 7	4 - 1	1.5							6.1	13.8
KE.	1		2.5	. 7								2.7	9.5
FILE	!	. `	.7	7.4	• 3	• 3						4 • 1	14.0
F.	! !	. ፣	.7	1.0								2.0	11 - 3
€ SE	! 	.,	1 • 6	1.4	• 3							5.4	10.7
SE	! !		2.0	2•4								4.4	11+2
< St	!	1.7	3 • 1	4.8	. 7	•3						9.9	12.2
r,	[. 7	4.4	7.5	1.0	1.0						14.6	12.9
< SW	! !	• 7	1.7	4.4	• 7			. 3				7.5	13.7
b #	1		• 3	2+4	. 3	.7						4.1	15 + 3
le Sa	1		2.4	₹. 4		• 3						6.1	12.2
	1		2.4	٠, ۽		• 3						8.8	12.9
ANA	1		1.0	1.0	. 7							7.4	13.0
'44	1		. 7	3.0	1.0			.,				4.1	16.2
5.54	!	• '	1.4	1 • 7	1.4				•			۲.1	12.1
yA a TABLE	! • • • • • • • • • • • • • • • • • • •	• • • • • • •						• • • • • • •		• • • • • • •	• • • • • • • •		
	1	,,,,,,,,,			(1111111	,,,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,,,	////////	,,,,,,,,	11.2	111111
10116	1		25.9	46.3	7,5			.7				166.0	11.4
	l •••••••								<i></i> .				

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND UTRECTION VERSUS WIND SPEED FROM MOUNLY OBSERVATIONS

STATION NUMBER: 275750 STATION NAME: KAZAN USSR

PEDICU OF MECORD: 7°-97

MONTH: APC HOURS (LST): 15UD-1700

MIND SPEED IN KNOTS

UIRECTION | 1-3 4-6 7-16 11-16 17-21 22-27 28-33 34-40 41-47 48-55 UE 56 TOTAL MEAN

TOTAL OF MEAN

TOTAL OF MEAN

TOTAL OF MEAN

TOTAL OF MEAN

TOTAL OF MEAN

TOTAL OF MEAN

TOTAL OF MEAN (DEGREES) | 1 WIND 5.5 N . 7 17.1 2.7 . 5 A. N 1.4 . 3 5.1 13.2 r.ŧ 1.0 • 3 4.1 12.4 € fet . 7 2.0 . 7 4.1 12.3 10.5 Ł . 7 . 7 1.4 3.4 F SE 1.0 12.2 1.4 0.0 54 . 4 . 3 5.1 11.5 9.6 93! r . 1 3.1 1.0 12.0 ٤ 2.0 5.9 2.4 . 3 14.0 14.3 554 î•7 • 3 6.5 12.6 5% 1.0 . 7 4.4 13.1 8.9 13.2 . . 1.4 7.4 . 7 5.6 12.5 4.9 7.4 • 7 14.4 46 . 3 2.4 1.7 3.8 15.0 t tije 2.7 1.5 1.0 . 7 13.8 VERTABLE CALM 10.9 ///// 10.9 TOTALS 21.8 40.5 2.4 100.0 11.6

GLOZAL CLIMATOLOGY BRANCH USAFETAC AIR "EATHFF SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY GRSCRVATIONS

STATION NUMBER: 27505 - STATION NAME: KAZAN USSR

FEWIND OF FUCORD: 79-87
MONTH: PPP HOURS(UST): 1800-2000

			•••••			D SPEE7	IN KNOTS	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••
DIMECTION (THE GRUES)		4 -6	7-10	11-16	17-21	22-27	2 A- 33	34-46	41-47	40-55	GE 56	1 C T A L \$	ME AN WIND
	· · · · · · · · · · · · · · · · · · ·	•••••	1.4	2.0	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	3.4	11.9
1.	i		1.4										•
N NE	î I	1.4	2.0	2 • 7		• 7						6.9	11.4
NE	!	1.0	1.7	1.4								5.1	F . 7
F.M.	İ		. 7	1.7	• 3							2.7	13.4
ŧ)	1."	. 7	1.4	• 3							7,4	10.5
t JE	, !	• *	ž.7	1 • 6								4 • 1	c . 3
\$1	1		2.7	7.0								6.5	9.7
* <u>\$1.</u>	, !	4	4.1	4.5								13.2	16.4
S	!	9.4	2.4	5.5	• 7	. ?						11.3	11.4
5 S W		1.7	2.0	2.7								5.8	10.°
S.	!	. ?	2 • 4	2.4	. 3	• 3						5.1	11.8
H S m	!		1.7	2.4	• 7							4.8	12.9
•	!	. • '	2.0	. 1	• ?	• *						8.7	12.3
to to a	: !	"	. 7	7.0								₹.4	11.9
***		• 2	. *	· 4								3.1	12.4
P. Dak	1		1.0	:.0	1.4							3.8	12.7
	, , , , , , , , , , , , , ,			• • • • • • •									
ANSTRUCT	1												
CV f.,	11111111	////////	////////	1111111	(11/1/1/	11/1///	////////	,,,,,,,	,,,,,,,	////////	17 /////	10.2	111111
TOTALS	Í I .	14.7	_c.7	4″,€	4 • 1	1.7						100.0	10.0
	• • • • • • • •		. .										

CLUMAL CLIMATOLOGY REACH PERCENTAGE FREDIENCY OF OCCURRENCE OF SURFACE WIND CIMECTION VERSUS WIND SPEED USAGET AC ATHER SERVICEMMIC

STATION	MICHAEL . 2 .	2 7 TO 5	STATEOL SAME.	KAZAN HISSR

STATION NUMBER	: 27395G	STATEM	. 1444E 5	KAZAN US	SR.				PE2130 .		D: 7º ⊬OU¤≤(LS	-87): 21U3-	2300
015FC1174 1	1				~ I	NO SPEED	IN KNOTS			4:-c)		Jelal	ME A N
(AE PASE)	!					,						t .	MIND
t.	!	1.4	1.4	2.0	•••••		•••••	• • • • • •	•••••	• • • • • • • •	• • • • • • •	4.8	9.9
5.60			٠ 7	1.4	. 3							4.4	11.2
t _e t		. 7	1.7	1.0								3 • 4	10.2
£ NE.	i 		1.0	1.7								4.4	ç.s
£	1		1.7	. 3								2.9	9.3
Ful		. 7	4 • 8	1.7		. 3						7.5	12.1
5 t.	1 	1.*	2.7	1.4								5.8	7.5
r 4,;	 	7	3.4	4 • 1								9.2	10.3
ر		1.6	3 • 7	6.1		. ₹						11.6	11.5
5.5W	• •	1.4	7.4	1 • 7	. ?							7.1	9 • 3
5		2.4	1.0	1.0								4.4	.0
# 5 m		. 7	1.7	7.3	. 3	• 7						5.4	17.3
•	!) , u	2.0	:.0	• 3							4.9	9.2
ميانا		• •	:.0	1.5								~.4	10.0
f. ja	l t	. • `	• 7	2.4								4.1	10.7
*. I.e.	[[• ~	• 7	1.4	• ?							2.7	11.6
VA+17-6E	' ' • • • • • • • • • • • • • • • • • •			• • • • • • •	•••••	••••••				• • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	
(VE,	! ////////////////////////////////////	1111111	,,,,,,,,,	11111111	1111111	////////	111111111	,,,,,,,	11111111	11111111	///////	16.0	111111
TO TALS	• *	16.1	÷ 3 • 7	30.3	1.7	1.4						150.0	B .6
	· • • • • • • • • •									• • • • • • •			

GLOBAL CLIMATOLOGY FRANCH USAFETAC AIR MEATHER SERVICE/MAC

10

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY DUSTRYATION.

STATION NUMBER			-						ተገለገት:	OF FLCOR	D: 74- HOURS(L5	-87 [): AL	L
OIRECTION OURECTION OURGESE	1 ~3	4-6	7-15	11-16	17-21	D SPEED 22-27	ÎN KNOTS 29-33	34-40	41-47			TOTAL 2	MEAN WIND
fa fa		•••••	1.6	1.6	.1				• • • • • • • •			3.9	10.5
N NO		• 7	1.4	? • 3	• 4	. 1						5.7	11.9
ist.	•	• 6	1.5	1 . 7	• 1							3.0	10.8
ΓħE .		. 4	1.5	1.5	. 3	•7						3.7	11.2
ا ا	i	• •	1.5	1.2	٠,	.0						7.3	10.2
1.58	} 	.,	2.2	1.4	.0	• 1						4.3	10.2
Sł.	ļ ļ	• •	3.5	2.4	. :	•?	. 1					7.9	10.5
5 SE	 	i • °	3.9	4.0	. 2	• 1						9.7	10.7
5		1.1	2.8	€ • 1	. 7	• 3						11.2	12.0
5 S %] .~	* 9	2.1	2.7	• 2	•3		• 1				6.1	11•2
5 W	! !	, -	1.5	2.2	- 1	• 3						4.9	11.3
พรพ) 	• 6-	1.5	2.4	• 5	• 2						5.2	12.1
*	1 !	:."	1.7	2.7	. 3	. 1						6.9	11.3
a fesi	 		1.7	2.5	• 3							3.9	11.9
lun	} 	. :	.6	1.6	•5			• ^				3.3	12.9
t. Na	 		1.1	1.8	. 5							4.7	11.8
	! * • • • • • • • • • • • • • • • • • • •						• • • • • • • •						
VIPIANLE	 												
CVF	111111111	//////	(1111111	1111111	////////	(1/1/1/1	///////////////////////////////////////	//////	////////	///////	///////	14.6	111111
TOTALS	• 1	11	.9.6	37.5	4.5	1.3	• 1	. 1				100.0	9.6
	· • • • • • • • • • •	• • • • • • •		• • • • • • •			• • • • • • •						

GLOBAL CLIMATOLOGY ERINCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRFCTION VERSUS WIND SPEED FROM POURLY ORSERVATIONS

STATION NUMPER: 27575" STATICA NAME: HAZAN USSR

PERIOD OF PECORD: MONTH: MAY FOURS (LST): G000-0200 #IND SPEED IN KNOTS
DIVECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-46 45-47 45-55 GE 56 TOTAL MEAN TUF GREEST | WIND N N 9.7 10.6 MINS . , 1.6 1.0 3.0 10.4 2.5 1.5 1.6 4.7 9.5 ME . 3 SINE 1.1 1.3 • 3 2.5 8.8 3.3 2 • 3 £ 5E 9.1 9.7 Sŧ 1., 2.0 1.6 · 5! 1. . 7 2.5 €.4 3.6 9.5 7.0 1.6 1.6 5.5% 1. 3 9.7 . 7 2.6 4.6 1.3 8.5 • 3 1.6 3.6 1. 8.0 h 5 n 2.6 1.7 1.6 9.1 2342 . 7 1.3 3.0 10.0 ٠, ,, ..-1.3 1.3 9.8 21.00 6.2 16.9 V/ HIAPLE CLLM İmmininin (1901) 24.3 ///// 7.2

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREDLENCY OF OCCURRENCE OF SCREACE WIND STREETICN VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 27595 " STATION NAME: KAZAN USSR

(00.08687)		4 - 2	1-10		17-21	27-21	2 ~~ 3 3	34-40	4:-47	43 y	.j c	10111	mE N D	
1.	!	3, 1	3 • 3	7.9	. 3		•••••		•••••	••••	••••••	10.8	9.8	••••
teto:	!	. 7	2.3	. 7	. 7							4.3	10.9	
1,4		:•^	1.6	1.3								3.9	٠.7	
5 NE	<u>,</u>	• *	1 • 6	2.3					•			4.3	10.8	
Ŀ	! !	. 7	2.6	1.3								4.3	9.5	
F St	; ;		1.3	2.3								3.6	11.3	
SE		• :	2 • 3	. 7								3 • 3	9.8	
. 21	!	1.5	3•℃	2.3								6 • 2	9.8	
Ş	!	1.7	4.3	1.3								5.6	9.2	
5 5 W	; ! !		2 • t	. 7								3 • 3	10.0	
5.4	!		1.6	• 3								2.6	P.3	
l. Sa	i	1 • 6	• 7	. 7	• 3							3.3	9.1	
•	i i	:•*	2.0	2 • 3								5 • 2	10.4	
ন হৈছি	į	; · ·	. 7	. 7								7.0	7.8	
lin	: !	• •	. 3	1.3								2.0	11 • 3	
* NW	; !		3 • 3	1.3	• 3							6.9	9.2	
VARIAPLE			•••••	• • • • • • •	•••••		• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	•••••		••••
CAL	.,,,,,,,,,	////////	1111111	///////	1111111	///////	11:1111	11111111	///////	////////	////////	26.6	111111	
TOTALS	F	15.4	33.4	23.1	1.6							100.3	7.2	

GLOBAL CLIMATHLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIFFETION VERSUS WIND SPEED USAFELTAGE FROM MOURLY OBSERVATIONS ALD MEATHER SERVICE/MAG

# # # # # # # # # # # # # # # # # # #		•											
STATION NUMBER					SR				PERIOL MONTH:		D: 79. Poursils	-87 T): J6CO-	08 00
		• • • • • • • • •	• • • • • • • •	• • • • • • • •			IN KNOTS		•••••	• • • • • • •	• • • • • • • •	• • • • • • • • •	•••••
DIRECTION (OF GREES)	l	4 -:	7-10		17-21	22-27	28+33		41-47	49-55	GE 56	TOTAL	ME A N
, ls		· · · · · · · · · · · · · · · · · · ·	2.3	7.0				• • • • • •	•••••	• • • • • • • •	• • • • • • • •	7.3	1n.8
N NF	 		3.7	1.7	• 3							5.6	11.7
NE	! !	. •	1.3	1.7								3.6	10.5
FINE	! ! !	• *	1.7	:.5			• 3					5.0	12.9
Ł	i 1	• •	1.0	. 3								2.0	8.7
ESE	 	1.3	2.3	. 3								4.0	P . 8
3 E		• *	4.€	1.3	• 3							6.3	9.8
35.	 	1 • 7	2 • 3	2.5								6.0	9.3
3) 	1.5	1.7	2.6								5.3	10.0
2 2 M	l I	1.5	2.€	. 7								4.3	8.5
2*.	† [1.7		• ?	•						2.7	9.4
r 2m	1	• •	1.0	• 7								2.3	9.4
•	İ	1.	3.0	3.0								7 . 3	9.9
4 NH	1 1	• *	1.0	1.3								2.6	10.5
N.a.	i I	• *	2.3	1.0								3.6	9.6
** Nh) 	1.7	4.(7• ∪								9 • 3	10.2
VIRIAPLE		• • • • • • • • •		• • • • • • •	•••••	• • • • • • • •	•••••	• • • • • •	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	••••••
CAL	1 [////////	///////////////////////////////////////	////////	11111111	1111111	///////	,,,,,,,,	1111111	,,,,,,,,	///////	,,,,,,,,	23.5	/////
101465	f 	17.4	26.1	25.5	1.3	. 3	. 3					100.0	7.7

GLUBAL CLIMATOLOGY PRANCH USAFCTAC AIR WEATHER SFRVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER:	275955	AOITATZ	. NAME :						M^N1+:			-87 1): 0900-	1100
DIRECTION I OUR COLORES > 1	1-3	4 –6	7-10		u I	ND SPEED	IN HNOTS 28-33	<u>.</u>			GE 56	TOTAL	ME AN FIND
N [• • • • • • •	. 7	1.0	5.6	.7		••••••		• • • • • • • •	• • • • • • •	•••••	7.9	13,3
NNE.			• 3	2.6	• 7							5.6	10.9
isF .		.,	1.3	7.6	• 3							5.6	12.5
FAE			3.0	1.3								4.3	10.3
		. 7	1.3	1. 3	• 3							3.6	16.8
FSE			• 3	. 7								1.0	12.0
· SF		:•?	2.3	1.0								4.0	9.9
5.5%			1 • C	7.3								4.3	12.6
5	•	• 3	2.6	7.2					,			ė • d	11.1
5.5W		· • ^	2 • 3	4.3								А.5	11.1
S %			2.0	2.0								3.9	16.7
# 5W			2.0	1.3								3.9	9.5
		. 7	2.5	6.2								9.5	11.7
in feli		. 7	1.3	1.3		. ?						2.6	12.1
t.W			3.0	2.6	• ?							5.9	11.5
NAK		. • ^	3 . 3	4.3								9.5	10.9
V/FIASEF }	• • • • • • • • • • • • • • • • • • • •			******	•••••	•••••	••••••		••••••	• • • • • • •	•••••		.,
CALE	///////////////////////////////////////	11111111	1111111	,,,,,,,	1111111	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,	13.1	111111
TOTALS		1	24.5	44.5	2.3	. 3						160.9	9.9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

78-87

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF RECORD: MEAN COEGREES) 1 1 WIND 3 N 9.6 1.0 1.3 6 • 3 13.3 NINE 1.0 1.7 2.6 5.6 13.9 1.0 ΙŧΕ 1.7 • 3 3.6 11.5 r NE 1.2 1.3 ... 1.7 12.0 FSE • 3 • 3 1.0 12.9 2.3 SE 1.0 1.0 2.3 10.3 r 5. 2.0 3.0 . 7 5.6 10.9 S 1.7 6.0 1.0 9.3 13.0 5 Si . 7 2.3 . 3 • 7 S . 1.5 7.0 . 3 4.0 11.9 R SH 1.7 1.3 1.0 13.0 2.0 a.3 11.6 12.9 NNW 4.0 13.1 NW 2.3 4.3 • 3 12.0 7.3 5 Na 2 - 3 4.3 . 7 12.5 CALH 9.3 ///// 8.6 1.7 100.0 11.6

BLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SLAFACE WIND DIRECTION VERSUS WIND SPEED USAFLIAC FROM MOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF RECORD: 79-87 MONTH: MAY HOURS(EST): 1500-1700

I IRECTION	1 - 5	4 - (7-16	11-16	17-21		58-33 IN KNOTS	34-45	41-47	46-55	GE 56	TCTAL	MEAN
DEGREEST 1						• • • • • • • •							WIND
N 1		1.,	2.3	5,9	1.0							10.5	12.1
NNE			2 • 2	4.6	. 7							6.6	13.1
1.6		:•"		:•0	. 7							3.6	12.7
FINE		. 7	• 7	2.0								3 • 3	11.2
t		. ?	• 3	2+3		• 3						3 • 3	13.1
C SE		. *		2.0								2.3	12.6
2£		• 5	. 3	1.3	. 3							2 • 3	12.1
ist		:•"	1.0	2 • 3								4.3	10.9
ر ا ا		. 7	• 3	3.9	1.0	• 3						6.2	13.6
554			. 7	7.9	• 3		• 3					e.3	14,4
5-		• 7	• 3	1 • 3		.3						2.3	13.0
***W			1 7	3 • 9	• 7		. 3					6.2	14.4
		. 7	1.3	9.2	1.6	•3						12.2	13.6
जीव्य]		• *	2.6	4.3	• 7	• 3						R . 2	12.9
NW 1		. 1	.7	5.3	. 7	. 3						7.2	13.1
1166		• ?	3.0	3.9	1.0							8.2	12.3
ARTABLE	• • • • • • •	••••••	••••		• • • • • • •	••••••	• • • • • • • • •		• • • • • • •		• • • • • • • •		6.0
CALM I	11111111	11111111	,,,,,,,,	1111111	,,,,,,,,	///////	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	7.9	,,,,,,
IOTALS 1		7.5	16.1	57.2	8.6	2.1	. 7					100.0	11.9

GLOBAL CLIMATOLOGY BRANCH ULAFETAC

FERGENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

PERIOD OF RECORD: 79-87 STATION NUMBER: 275950 STATION NAME: KAZAN USSR #FILED OF MEIGHO! 17-81

#FINTH: MAY HOURS(LST): 1800-2000

#IND SPEED IN KNOTS

DIRLCTION | 1-3 4-6 7-10 11-16 17-21 22-27 29-33 34-40 41-47 46-55 GE 56 TCTAL MEAN

10660255 | 1 THE GREEST 1 DNI 13.2 • * . 7 NNF 3.7 7 • 7 8.4 11.6 2.0 2.0 • 3 1.E 4.7 11.2 FINE . 7 . 7 1.7 11.0 £ 2.4 1.3 4.4 10.0 ESE . 7 1.0 1.7 12.0 SE • 3 1.3 2.4 10.3 5.35 1." 2.4 1.7 5 . 1 9.6 1.0 5 1.0 3.7 • 7 6.4 11.8 SSW 11.8 • 3 . 7 • 3 1.7 11.4 2.4 1.3 . 3 • 3 4.4 13.5 . • • 3.4 7.4 • 3 11.4 11.9 ANK 1.~ 1 . ? • 7 6.1 11.8 2.0 is at 1. 4.4 1.3 9.1 11.9 7.4 UNW • 3 12.7

6.1

45.5

11.4 //////

10.5

100.0

TOTAL NUMBER OF ORSERVATIONS: 297

CALY

GLOBAL CLIMATOLOGY PRANCH USAFLIAC AIR BEATHER SERVICE/MIC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM POURLY OBSTRUATION?

STATION NUMBER	215951	\$141105	NAME:						PEG10U MANTH:	MAY	HOURS (LS	-87 TI: 2133-	2360
DIRECTION (OF Grafu)		ų -r,	7-10		17-21	D SPEED	28-33 1 N KNOTS				, GE 56	TOTAL	⊬EAN ⊌IND
R	! !	1."	4.3	2.3			••••••					7.2	9,6
N.N.E.		2.0	1.0	1 • 3								4 . 3	5 _• 5
K.	!	1.7	3 • C	2.0								5.9	9.7
FAE	!	2.6	1.6	1 • C	. 3							5.0	8.6
į.	1 [1.1	3.6	. 7								5 • 2	8.9
FSE	1 [. 3	2.3	2.0								4.5	10.1
Sr.	[]	• 7	1.6	• 3								2.6	8.8
° sc]]	1.6	1.0	1 . 3								3.9	9.2
s] {	1.0	3.6	3.0								7 • 5	10.0
5 Sw	1]	1.	2.3	• !	• 3							3.7	9 • 3
5 4	l }	. 7	1.0	1. €	. 3							3.0	10 • 1
WSW	[[• *	2.0	1. J								3 • 3	9.6
k	Į Į		3.0	1.3	• 3	. 3						7.2	16.0
ii Un	t !	1 • •	1 - 3	1.5								3.9	e .7
te a	; !	1.7	1.3	1.3		. 3						4.5	10 • 1
Pri State	} 	2.1	• 7	?∙3	. 7					•		5.6	16.9
VARTABLE	••••••• }	• • • • • • • •					••••••	• • • • • •	• • • • • • • •			•••••	
CALM	l 1 <i>/////////</i>		///////	11/1/1/	(1/1/1//	,,,,,,,,	,,,,,,,,,	1111111	11111111	//////	,,,,,,,,,	21.6	111111
TOTALS	 	10.7	33.4	21.6	2.0	.7						130.7	7.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND SPECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

	• • • • • • • •	••••••		• • • • • • •			IN KNO 15			• • • • • • • •	•••••	• • • • • • • • •	
IRECTION ! DEGREES! (1 -3	4	7-10		17-21	22-27	2 9 - 3 3	34-40	41-47	49-55	GE 56	TOTAL	MEAN WIND
N]		1.7	2.4	4.7	•6	.1		• • • • • •	•••••		••••••	9.1	11.6
N NE			1.0	2.3	• 6							5.4	11.5
NE I		• "	1.4	7.0	• 2							4.5	10.9
ENE !		• "	1.5	1 • 4	• 0		• 5					3.6	10.5
٤		• **	2.0	1.3	- 1	• • •						4.4	10.0
FSE		• '	1.1	1.4	• 1							3 • C	10.6
\$E.]		• '	1.8	1.1	• 1							3.6	10.0
* SE			1.8	2.1								4.9	10.1
•]		• *•	2 • 1	7 • 2	• 3	•3						5.5	11.1
55%			1.9	2+1	- 1		• 0	•0	3			4.9	11.2
5W (• (1.1	• 9	• 2	•3						2.9	1C • 5
h Sa		• ~	1.6	1.6	. 3	• 3	• 1					4 + 2	11.4
. !		: •	2.4	4.7	• 4	-1						9 • 6	11.6
is few		• -	1.2	2.1	.2	• 1						4.5	11.4
ten		. 7	1.7	₹. 7	• 3	•1						5 • 4	11.5
Now		:•:	2.5	'• 2	. 4	•1						7.2	11.2
VAFIAFLT	• • • • • • • •	••••••		• • • • • • •	• • • • • • • •				• • • • • • • •				6.0
CALM	,,,,,,,,,	11111111	(111111)	1111111	1111111	,,,,,,,,	,,,,,,,,,	1111111	11111111	////////	11111111	17.1	//////
TO TALS		11.1	28.7	36.7	4.5	, 7	• ?					100.0	9 • 2

GLOBAL CLIMATCLOGY BRANCH USAFLTAC

PERCENTAGE FREDERICY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

* PERIOD OF SECOPD: 79-87

24.9 /////

7 . 2

100.0

AIR WEATHER SERVICEMMAC

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

MONTH: JUN HOURS(LST1: 0000-0206 UIPECISON | 1-3 4-6 7-.3 11-16 17-21 22-27 28-33 34-40 41-47 46-55 GE 56 TOTAL MEAN WIND (DEGREES) 1 5.7 15.2 1.3 1.7 NINE 3.7 . 7 1 - 3 4.0 9.7 2.4 9.7 . 3 • 3 3.7 Let. LAE î.0 1.7 4.7 9.7 ... 1. 3 • 2 2.0 L • 3 t . 4 10.2 ESE 1. 2.C 2.0 9.5 SE 3.0 9.7 ' 51 1 . 2 2.0 . 7 8.3 5 1.7 2.0 1.0 • 3 5.1 9.3 55% : . 1.3 • 7 • 3 9.5 1. • 3 57 1.0 2.7 8.8 k 5 k 1.3 3.0 1.3 5.4 9.0 h 1.0 • 3 7.7 A. NW 2.0 2.4 10.5 1,14 3.7 • 7 P .6 1.7 10.8 WERTARLE

TOTAL NUMBER OF OBSERVATIONS: 297

32.3

TOTALS

GLOGAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND UTRECTION VERSUS WIND SPEED FROM MOUNLY ORSERVATIONS

STATION NUMFER	9: 27595 m	STATICA	. N&4E :	KAZAN US	58				PERIOD MONTH:		ΰ: 7º.	-67 11: 6300-	05 30
•••••	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •		NO SPEED	IN KNOTS	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	
018EC110N (UE G?_E5)		4 -4,	7-10		17-21		5 8- 33		41-41	48-55	Ct. ¿e	TCTAL	ME AN WIND
t _e		7 - 14	2.7	1.0	• 3	• • • • • • • •	••••••	• • • • • • •	•••••	• • • • • • •		7.5	8.5
et NE	<u>.</u>	2.6	1.0	:.0								4.4	9.0
1,F	[}		1.4	3	. 3							2.0	11.5
·L	!		2.0	• 3								2.7	9.0
L	! !	. •	4.1	2.4	• 3							7.1	13.8
+ 51	! !	• -	4 - 1	1.0								5.9	P. B
21	1	•	1.7	1.5								3.1	10.4
• 5-	!	1.0	2.0									?+1	7.3
5	1	- • ~	3 • 4	2.4								7 . 9	9.3
SSK	, !	1 + 4	• 3	• 7								2.4	e • 6
5.4	; !	1.	:.0	. 7								2.7	8 + 3
5	! !		2.7	. 3								5.8	7.6
-	} [:• '	3.4	. 7	• 7							5 , 8	9.9
· ti»	! !	: • 7	1.4	1.0								4.1	5 + 3
fe.e	! [• 7	2.0	2.2								4.7	9.7
5.56	(]		7 • 1	₹•1	.7							7.1	11.6
JPAlstv	' ' *			•••••		• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • • • • •	
CAL	 , , , , , , , , , , , , , , , , , ,	1111111	1111111	1111111	1111111	1111111	111111111	1111111	11111111	,,,,,,,	,,,,,,,	24.1	111111
TOTALS	! !	19.7	36.3	17.0	2.4							160.0	7.1
	'												

GEOLAE CLIMATGEOGY PRANCHUSAFETAC LIR WEATHER SERVICEMAS

PERCENTAGE FRECIENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATION.

PERITO OF RECORD: 78-87

M'NTH: JUN, HOURS(EST): 0600-0800

JIND SPEED IN ANDIS

DIRECTION | 1-7 | 4-6 | 7-10 | 11-16 | 17-21 | 22-57 | 58-37 | 78-90 WIND (Drobess) (3.4 10.9 7.7 4.44 2 • 7 . 7 N. Ne. i . ~ 1.0 1.0 3.0 9.6 NŁ . 7 1.0 1.4 • 3 . 3 5.7 11.5 r NE 1.7 1.4 4.1 9.5 3.7 2.0 5.7 10+1 ٤. :." 4 - 1 1.0 6 - 1 9.7 ESE 1.4 4.1 1.0 8.3 SE 1.7 1.4 9.3 2.58 2.0 2.0 5.7 2.0 4 . 4 9.3 1.0 . 3 5 1. " 9.6 1.4 • : 2.4 55. . . . 3 3.0 . 7 4.7 1.0 6.1 514 K Sw 1.0 . 7 2.4 A .6 . . ' 2.4 • 3 11.3 ı, t.k 2.0 1.4 4.1 5 . B . ' 1.7 2.0 11-1 1. 4 . 7 1. N. 1.0 2.4 . ? 7.1 10.4 1 . 4 VIRIABLE I

2.4

33.1

24.4

• 3

100.0

7.8

TOTAL NUMBER OF CHSERVATIONS:

CALP

TOTALS

CLURAL CLIMATOLOGY BEAUCH PERCENTAGE FRECIENCY OF OCCURRENCE OF SURFACE WIND CIPECTION VERSUS WIND SPEED USAFFLIAG. FROM MOTHREY OBSERVATIONS

AIR MEATHER SE	R V I C 6.7 M A C					r R U ¬	FOUNCY O	r St. H V A I	10.				
STATECH NUMBER	: 275957	57411CN	NAME:	KAZAN US	SK.				PEDITO HOWIE:	(FILCORE		-87 1): 6900-	1100
	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •			IN KNOTS						• • • • • • • • • • • • • • • • • • • •
OTHECHIPM (1 -?				17-21	22-27	28-33	34-4:				J(TAL	ME AN WIND
<i>i</i> , <i>i</i>			7.1	4,9	1.4	•••••	••••••	• • • • • •	•••••		•••••	9.9	12.1
· Nr		1.	1."	1.7								3.8	10.4
NE J			1.4	1.7	. 3							4 • 1	19.6
EN		. :	1.4	1.7								7.4	18.9
i I			2.7	. 7	• 3							4.8	9.4
:		• •	1.4	2.1								3.8	11.1
) 			1.0	7.4								4. "	17.2
1.1		• •	3 • 1	7.1								5, * °,	10.4
: }		1.0	3.6	7. 7	. 7							9.6	1 € •6
'S#		• •	1 • 7	3₹								5.8	12.1
		• •	• 7	1 • 7								3 • 1	10.9
		4.	1.0	4.5	• 3							6.9	11.5
- ;		• •	7 • 4	u . 1		. 7						P+2	11.3
2.54		• •	1 - 7	1.4								3.4	10.2
t.a I		• -	1.4	7.8	1.^							6.9	12.6
tita [. • `		7.7								4 . 9	10.7
VARIARY	• ,		•••••	• • • • • • • •			••••••		• • • • • • •	• • • • • • •	• • • • • • •		
5817	,,,,,,,,,	11/11/11	11111111	11/1/1/1/	1111111	///////	////////	//////	11111111	/////////	(1111111	12.7	111111
ESTALS 1		: • •	29.48	40.5	4.1	• *						100.0	7.8
													

GLOWAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND EIRFCITON VERSUS WIND SPEED USAFETAGE. FROM MODRLY OBSTRUATION. AIR WEATHER SERVICE/MAC

STATION NUMBER	1: 275755	STAT (J.	. NAME:	KAZAN US					MO1.14:	FERTUR OF MECURU: 78-67 MONTH: JUN HOURS(EST): 1230-1400					
OIMECTION TOE GREEST		4 +6	7-10		17-21	№ SPEED 22-27	IN KNOT	S	41-47	4 F + 5 S	GE 56	TOTAL	ME AN WIND		
	! • • • • • • • • • • • • • • • • • • •	• • • • • • • •	1.0	4.1	1.4	• 3		• • • • • • •			•••••	6.8	14.9		
N NS		. 7	• 3	3.6	• 3							4.1	12.9		
tur I		:•°	• 7	1.0								2.1	9.3		
F NE		. 7	1.7	1.4	• 3							3.7	10.6		
i !		• 7	2.0	1.4								7.7	10.5		
r sr		• 7	1.3	2.0	. 7							4 - 1	12.0		
) إ اد			1.0	7.7								4,7	12.3		
^૧ કર		1.4	2.4	7.0								6.4	10.2		
5		• *	3.€	3.7	• 7							7.8	12.0		
< >* -		. ,	1.4	4.1	1.0							6.9	13.4		
ยพ			• 7	1.4	• 3							2.4	13.0		
45.		. ,	3.0	3. C	• 7							7.1	11.6		
•		. • "	٦•٠	6.4	• 7							13.1	12.1		
h fra		. 7	3 • 4	4.7								۵.۵	11.2		
No.		. ,	1.4	₹•1	• 3	• 5						5.1	12.5		
N N 2			٠, ٠	7	• 3	• ?						6.4	14 • 2		
VARIABLE (• • • • • • •	• • • • • • • •		• • • • • • •		•••••	• • • • • • •	•••••		• • • • • • •	• • • • • • • • • • • • • • • • • • • •			
CAL" !	 ///////////////////////////////////	////////	(1//////	1111111	11111111	,,,,,,,,	,,,,,,,	////////		////////	,,,,,,,	н.я	111111		
TOTALS 		1 • 6	.5.2	51.4	6 • p	1.7						100.0	11.1		

TOTAL NUMBER OF DESERVATIONS: 29E

GLUBAL CLIMATOLOGY ARANCH USAFETAC AIR ALATHER SERVICE/MAC

PERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRFCTION VERSUS WIND SPEED FROM HOURLY ORSERVATION'

STATION NUMBER: 27595 . STATION NAME: KAZAN USSR

PLUIDE OF PECORD: 78-87 #IND SPEED IN KNOTS

#IND SPEED IN KNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 49-47 44-55 GE 56 TOTAL HEAN

TOUGHEST IN THE PROPERTY OF THE 1052,5621 1 2.7 .7 8 • 2 15.5 • 7 4.1 400 7.7 . 3 13.9 . 7 2.4 • 7 11.4 1.7 1.1 3.1 10.9 FINE 1.4 1.4 3.1 11.9 ٠, 1.0 1.4 . 3 Ĺ. 13.9 اد ۱ 2.7 3.7 10.4 1.7 1.4 3.1 ٠ς; ... 3 - 1 4.4 . 7 9.2 11 • 3 4.4 • 3 . 3 6.8 13.2 1.5 7.4 12.3 5 5 h 1 . C 13.3 58 1.4 . 7 12.8 1.0 3.1 484 1:.0 1.5 2.0 2.4 7.8 • 3 13.6 3.7 1.0 12.5 6 100 3.1 5.1 3.1 . 7 13.2 lia 1.4 NAV 1.0 L . 4 . 7 7.8 13.0 VARIABLE 9.5 ////// CALT TO TALS 50.0 9.5 . 7 100.0 11.6 1.4

GLOBAL CLIMATOLOGY BRINCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATION.

••••••		• • • • • • •	••••••				IN KNOTS	• • • • • • •	• • • • • • • •	 	• • • • • • • • •	
IPECTION DEGILEST	1 -3				17-21	22-21	2 5- 2 3	34-40	41-47	GE 56	TCTAL \$	ME A N WING
6 1		1.	.7	5.1	1.7	3	. 3	• • • • • •	• • • • • • •	 •••••	9.1	14.5
N NE		. ,	1.0	1 • 7							3.0	11.1
Nť .			1.0	1.5							3.4	10.0
E NE			. 7	. 3							1.0	10.0
ί.		1.5	• 3	1.7							3 • €	9.8
ESE !		1.0	2.0	2.4			. *				5.4	10.3
51			7	1. 7							4.0	10.5
156		1.7	2.7	7.4							7.7	9.9
5		i • *	3 • 4	3.0		. 7					9.1	10.9
55m		. 7	1.7	2 • 7	• ?	• ?					5.7	12.7
ક્લ		. 7	1 • 3	1.0							₹•1	9.5
		• *	. 7	7.0	1.0						5 • 1	13.7
• 1		1.3	4.4	4.7							19.4	10.4
una f		. 7	1.0	2.0	1.0						4.7	12.4
1.m		• 7	1.7	2.4	• 3	٠ ٦					5 • 1	12.4
titen			2.7	7 • 1	• 3						10.4	12.2

100.0 10.3

11.5 27.6 47.1 4.7 1.3 .2

TOTAL NUMBER OF OBSERVATIONS: 297

CAL"

TO TALS

GLOBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOUNLY OBSERVATION'

78-87

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF RECUPO: # CRITED OF MECUMU: 78-87

MCRTH: JUN HOURS (LST): 2100-2300

IND SPEED IN KNOTS

OIGUCTION | 1-5 9-5 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN

TOUGHEST | 9.9 1.7 NA 1.4 1.0 . 7 3.1 9.1 1.0 7.6 . 7 NE 3.8 9.3 ENE 1.4 1.7 . . 7 :.-3.0 5.1 10.3 2.€ Ł 1.7 1.56 . ' . 7 • 3 . 3 10.6 9.2 51. 2.7 1.3 5.1 5.51 1.7 6.5 8.7 3 . F 5.8 10.1 6.9 55% 2.7 1.7 Sw 1.4 . 7 8.5 1. ^ 2.7 0.3 . 7 454 1.0 5.1 8.7 - \tilde{z} . 1 1.4 1.7 9.2 5.1 hille 1.3 4.7 1.4 5.5 10.5 1.0 lin 3.1 1.7 • 3 NNW 1.4 3.8 9.4 VASIABLE CVFH 26.5 ////// TOTALS 103.0

GLOBAL CLIMATOLOGY RRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF MARKET WIND DIRECTION VERSUS KIND SPEED FROM MOURLY OFFRVATIONS

									WCWIF:		HOURS ILS		
!		• • • • • • •			w I N	CBBAS ON	TN KNOTS					• • • • • • • •	
DIRECTION (DEGREES)	1 - 7	n -u	7-10			22-27					GE 56	TOTAL	ME A N
۱ ۸	• • • • • • •	1 - 7	3.0	7.3	1.1	•2	• 8		••••••	••••••	•••••	7.9	12.1
NINE		1 - 1	• B	1.7	• 1							3.6	1 C • 5
NE		. 6	1.2	1.3	• 2	. 7						3.0	10.3
E NE		• f:	1.6	1.1	• ၁							3.3	10.0
i į		. 6	2.4	1.7	• 2							u. 0	10.3
E SE		. 7	1.9	1.7	• 1		• 0					4.5	10.5
SF		• •	1.9	1.8								4.2	10.4
* SF		1.4	2.5	2.1	• 1							6.1	9.7
s		1.1	2.8	2.5	• 3	.2	• 5					6.9	10.7
5.5%		1.3	1.3	1.5	• 3	•3						4.6	11.2
sw [• 0	1.1	1 • C	• 1	•7						3.1	9.7
พรพ		٠,	1 . 7	r.c	• 3							4.7	10.6
		1.2	2.5	7.6	• 5	• 1						7.9	11.1
9.09		. 9	2.2	2.2	• 3							5.4	10.9
54		. 6	2.0	2.4	• 3	. 1						5 • 6	11+3
tink }		• 7	1.9	3. 9	• 3	•3						6 • 9	11.8
VIRIABLE	• • • • • • •	• • • • • • • •		• • • • • • •	•••••	• • • • • • •		• • • • • •	•••••	• • • • • • •	•••••		••••••
CALII .	,,,,,,,,	11111111	11111111	,,,,,,,	///////	1111111	11111111	,,,,,,	11111111	////////	,,,,,,,	17.4	//////
TOTALS 1		13.5	25.E	33.9	4.2	•5	. 1					100.0	8.9

GEOGRE CEIMATOLOGY PRANCHUS AFET AC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

79-87

STATION NUMBER: 275980 STATION NAME: MAZAN USSR

PECIND OF RECORD: MONTH: JUL HOURS(LST): 0090-0206 #IND SPEED 14 KNOTS DIDECTION 17-21 22-27 28-33 34-40 ME A N HIND IDEOMEES) 1 9.3 1 . 3 5.2 7.8 NAS 1.4 3 . 3 . 3 • 7 2.6 • ? 3.6 8.7 FIRE 1. 2.3 • 7 . 3 4.9 9.3 1.6 1 • 3 3.0 9.3 L. 2.0 1.3 3.5 10.0 ESE 9 • 1 SΕ . : 1.6 • 3 2.3 SSL 1.3 2.6 ė • 3 1.6 S 2.7 1.3 • 3 3.9 7.5 2.6 7.8 . 7 . 7 2.3 F .9 0.8 WSA . 7 1.0 3.7 9.3 . : • 7 • 3 . 3 • 3 * 9.5 2 Na 1." 1.3 1.6 4.9 8.8 1.5 1.0 Nove 2.6 1, 1, 4 2.3 2.0 VARIABLE CAL" 35.7 ////// 130.0 17.8 . 7 • 3 5.7

GLOSAL CLIMATOLOGY REARCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FFEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

TATION AND TO A TOTAL TO THE TOTAL MANNEY MATERIAL METERS

STATION NUMBER	R: 27595 '	STATION	. NAML:	KAZAN US	SR				001039 : 4740M	JUL I		-87 1): 0300-	0500
		•••••	•••••	• • • • • • •	******		IN KNOTS		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIRECTION TOE GREES!		4-6	7-1J	11-16			2 R~ 33		4 1 - 6 7	46-55	GE 56	TGTAL	MEAN WIND
N.		1.6	2.6	. 3		•••••		• • • • • • •	• • • • • • •			4.6	8.1
*i N£	t !	, 7	2.6	• 3								3.6	8.4
1.4	! !	. 7	2.6	. 7								3.9	8.8
F 14E	į	• *	1.3	1.6								3 • 3	11 +2
L	:	1 • 3	2.0	1.3								4.6	9.1
E at	f	: • •	2.0	. 3								3.6	7,8
SE	ì	• 7	1.6	. 3								2.6	8 .5
. 38		1.6	2.3	. 7								4.6	e .o
J	<u> </u>	1.1	2.9	. 7								4.9	8.5
5 5 W	1	• 7	• 3									1.0	6.7
5.		2.1	. 3	. 7		•						2.9	e • 5
Whe	· !		. 7									1 • 3	6.5
*	į	:.6	1.3	1.6	• 3	5						5.9	8.8
R NW	1	- , 7	1.0	1 • C								4.2	7.7
Dem	i	1.7	2.3	₹.6								5.9	10.1
të tam	!	• *	3	1.3								5.9	8.9
VARIABLE	· · · · · · · · · · · · · · · · · · · ·			• • • • • • •		••••••	•••••			• • • • • • •	•••••	• • • • • • • • •	
CNLM	i 1////////////////////////////////////		(1//////	(//////	(1111111	11111111	,,,,,,,,,	1111111	11//////	,,,,,,,,,	///////	37.5	111111
TOTALS	1 1 1	25.a	28.0	¥3.4	. :	:						127.0	5.4
					<i></i>								

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MODRLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

FEBRUARY OF DECORD: 79-87

MONTH: JUL HOURS (LST): 06J0-08C0

WIND SPEED IN MNOTS

DIRECTION 1 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 45-55 GE 56 TCTAL MEAN
(UT GREES) | STATION NUMBER: 275750 STATION NAME: KAZAN USSR PERSONAL OF RECORD: 9.1 2.0 ti NE 1.6 1.0 3.3 9.0 1.0 3.0 9.8 1.6 TvE . 1 2.0 . 7 3.0 9.3 FINE 4.3 2.0 2.0 10.3 1.0 f 5F 1.6 1.3 7.6 e .7 SF 1.7 • 7 . 7 2.6 ۶,5 5.51 . . 7 1.0 1.0 4.3 8.2 . 7 • 3 1.6 9.2 1.3 . 7 9.3 2.5 1.7 1.3 . 3 3.0 8.2 . 7 1.0 1.6 11.2 1.5 4.3 8.9 2.0 1.0 9.9 while 1., 1.3 Ξ. ι 5.3 1.0 . 7 2.5 . 2.3 6.7 9.2 ". Na 5.6 2.5 7.2 9.7 VARIABLE I ULL 36.8 ////// TOTALS 100.0 5.9

BLOWAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND CIFFCTION VERSUS WIND SPEED FRG4 FOUNLY OBSERVATION?

AIR WEATHER SERVICE/MAC

1 | -

STATION NUMBER: 27595" STATION NAME: KAZAN USSA FERING OF RECORD: 7F-87
MONTH: JUL HOURS(LST): 0900-1100

DIFFICITION OFUE:FS1		4	7-10	11-16			IN KNOTS		41-47	48-55	GE 56	TOTAL %	ME AN WIND
N 1		••••••		3.3	•••••	•••••	••••••		• • • • • • •	• • • • • • • •	• • • • • • •	7.2	10.6
F NE 1			1.0	7.0								2.9	12.0
14E		. 7	1.3	2•0			. 3					4.2	11.6
ENE 1			1.2	. 7								2.3	9.7
į .		1 • *	1.7	. 7								2.9	9.1
[2f		:•:	1.6	~. 3								5.2	9.8
58. <u>!</u>		:•3	1.3	. 7								2.9	8.7
5 S.L		• *	1.3	1.3								3,3	10.2
5		1.,	1.6	2.0	• 3		. 3					5.5	11.4
S S in		1."	2.6	1 • 3								4.9	9 . 2
ا ا الأذ			2.0	1.3								3.9	9.3
N S 4			1.6	34.3								5 • 5	10.9
. !		1.	۵ • ۵	1.3								4.6	9.4
a Na		1 • f	î.6	₹•6	• 3							7.2	10.4
fr. m 1		1.7	3.6	?• 6	• 3							8.8	10.9
NNW 3		1.7	3.9	2 • 3								7.2	10.0
	·	· · · · · · ·		• • • • • • • •		•••••	••••••		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
i	111111111	//////	////////	1111111	1111111	,,,,,,,,	///////////////////////////////////////	///////	11/1/1/1	///////	11111111	21.5	111111
10 TALS	ļ.,	14.	32.2	37.3	1.0		. 1					;50.0	8.1

GEORAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OPSERVATIONS

AIR MEATHER SERVICE/MAC

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C

STATION NUMBER: 275956 STATION NAME: KAZAN USSR : DACCOBA RO DOIGLA 78-87 MONTH: JUL HOURS(LST): 1200-1460 (DEGREES) | WIND 12.4 2.3 1.3 9.9 4 . t. N.M. 1. 4.0 11.7 1.1 . 7 1.3 1.0 3.0 9.6 1.2 ENE 1.0 2.6 10.5 į, 1.0 1.7 3.0 11.1 t ∍f 3.6 12.6 5! 2.6 2.0 5.0 10.5 5.58 • 3 2.3 3.0 11.6 5 1.0 12.2 7.€ . 3 4.3 5.5% . . 7 1 • 3 1. ? 4.5 10.4 56 2 • 3 11.2 n 5 n 2.0 4.3 . 3 7.6 11.2 1.7 ٥.٠ • 3 7.3 12.7 ¥ Nie 4.3 . 7 7.9 2.3 12.3 1.4 4 . * 4.0 1.5 8.9 12.2 Miles 1.3 11.6 VILIARES CALM 13.6 ////// TOTALS . 7 , , , 27.2 4.7 100.0

GLDBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAG

	• • • • • • • • •	•••••		• • • • • • •					• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	
DIRECTION 1 IDEQUEES) 1	1 -3				17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE ^e 6	TCTAL 1	ME A N WIND
N Į	• • • • • • • • • •		.7	4.7	.3	•		• • • • • • •		•••••		5.7	i 3 • 2
NN ¹		1 • 7	1.7	1.7	. 3							5.0	10.1
faE		1.5	. 7	₹,3								5.0	10.8
ENE			1.0	2.0								3.3	12.0
τ		. ,	1 • 7	1.3								3.7	10.5
ESE !		. 7	1 - 7	• 7								2.7	9.5
SE !			2.7	2 • 0	• 3							5.3	10.9
5 S E		• 3	1.0	2 • 3								3.7	11.6
: !			1.7	1.7	. 3							3.7	11.7
5.Sw			1.3	ë • 3		• 3						4.0	12.9
Sv		:• *	• 3	2.7								4.0	10.5
W 2 W		:•^	1.7	7. 7	. 7							7.0	11.5
. !		.7	3.0	r • ū	. 3							12.7	12.0
1 h N n		• -	3.0	3 • 7	1.0							9.0	12.2
ina		. 7	2.7	6.3	.7							13.3	12.1
N. N. W		. ,	1.7	a • 9	. 3							6.3	13.0
VARIABLE I	• • • • • • • • •	•••••	• • • • • • • •	• • • • • • •		•••••				• • • • • • • •		•••••	•••••
C7 L4 1	111111111	1111111	/////////	1111111	1111111	////////	,,,,,,,,,	1111111	11111111	11111111	,,,,,,,,	11.0	,,,,,,,
TOTALS 1		٠	26.3	5n.a	4.3	• 5						100.0	10.4

TOTAL SUMBER OF OBSERVATIONS: " "UE

GLCHAL CLIMATOLOGY RHANCH USAFETAC AIR ALATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY DRISTRATIONS

STATION NUMBER: 275952 STATION NAME: KAZAN USSR

rteino (F RECORD: 79-87 MONTE: JUL HOURS(LST): 1900-2000

1							TH KNOTS					16141	ME TO
OTERCTION	1 - 3	u -t	7-10	11-16	17-21	22-21	2 F= 33	34-48	41-47	455	UE "6	1614L 2	MEAN WIND
, i	• • • • • • • •	1.	2.0	۲, 9								A.G	11.5
NNE .			1.3	1.7								3.6	10.2
68.		1.7	1.3	z.c								4.3	9.5
ENE			• 3	1.7								5.0	12.0
Ł			2.0	1.3								3.6	9.9
FLF !		• *	1 • 3	2.0								3.6	12.0
21			1.7	1.7								3.3	10.8
"SF		1.5	1 + 3	. 7								3.0	9.7
5		٠ ٦	1 • 3	. 3	. 3							2 • 3	10.1
:SW		1.7	1 . 7	1.5								4.3	٩,9
Sh		. ?	2.8	1.0								4.0	9.5
454		:.0	2 • 6	?• J	. 7							7.3	11.5
. !		. 7	2.6	5.0								۾ . ₹	11.2
9149		1.5	3 • 3	7 • 3	. 3							a.⊀	17.4
Fee		:•~	2.3	7.3	. 7							6.3	11.2
ti ha		7	3.3	5.3	. 3							10.€	17.9
VARIABLE I	• • • • • • •			• • • • • • •			•••••			• • • • • • •	• • • • • • •	• • • • • • • •	
1	11111111	////////	////////	(11/1/1/	///////	,,,,,,,,	111111111	(//////	11111111	////////	11111111	16.5	111111
TOTALS T		1. • ^	31.0	3 A • S	2.3							100.0	в.9

SUBJECT OF SUBJECT AND SPEED USAFETAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND SPEED USAFETAGE FROM HOURLY OBSERVATIONS

HIR WEATHER SERVICE/MAC

STATION NUMBER: 2750% STATION NAME: KAZAN USSR PEDIDO OF FECORD: 7F-87 MONTH: JLL HOURS(LST): 2150-2300

| WIND SPEED TH KNOTS | DIRECTION | 1-3 | 4-6 | 7-17 | 11-36 | 17-21 | 22-27 | 28-33 | 34-40 | 41-97 | 41-55 | GE 56 | TCTAL | MEAN

010101101 010101101		4 -5	7 - 1 11	11-16	17-21	22-27	2 A- 3 3	34-4C	41-47	4: -55	GE 56	1614F	ME AN Wine
ti	!		٠٠٠	1.6	*****			• • • • • • • •	• • • • • • • •	• • • • • • • •		5.9	9.1
N NE.	! [:.r	1.7	. 3	• ?							3.0	۵ - 1
e s t	! !	1.7	2.5	. 1								3.6	۴ • 2
ENE	! [• '	2.6	. 7								2.4	۶.9
I		• *	2.0	1.3								7.6	10.2
r ur	} 	2.1	1.0	1.3	.7							5.6	4.9
ŞF	, 	1.	. 7	• 3								2.3	F . O
4.51	! !	٠,	1 • ?	. 3								2.3	° • 3
-		1.7	1•€	. 7								3.6	F •4
5. .	! [!	1.**	. 7	. 3								2.0	F • 0
Sx	į	:·^	1 • ?	1 • 9								4.2	۵۰۵
F 5 m	İ	1.7	1.5	. 7								3.3	4.3
•	 	:.r	2.5	1.6	• 3							5.4	9.8
14 Table	; 	1.7	¢	1.3								6.5	9.9
h.,	i i	1.	د . 3	1.^	• 3							5.7	9.5
P. T. W		• 7		٠,٠								5 . 2	9.6
VERTABLE		• • • • • • •		• • • • • • • •		• • • • • • • • •	•••••		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	
נגניי	 / / / / / / / / / /	(11/1/1/	(1/1/1/1/	/////////	1111111	(111111	11111111	////////	,,,,,,,,	1111111	,,,,,,,	32.7	/////
10145	 		25.8	14.7	1.6							107.5	5.0

CLO, AL SETMATCHORY SHANCE FERGENTAGE FREQUENCY OF OCCUPATION OF SURFACE WIN A CHARLETTEN VERSUS WIND STREET SHANELY OF SURFACE WIN A CHARLETTEN VERSUS WIND STREET AT A CHARLET OF SURFACE WIND A CHARL

	• • • • • • • • •						IN KNOTS						
PITETIION E (BolumijES) [; - 1	11	7-11	11-16	17-21	22-21	_ H = 3 T	34-4C	4 1 - 4 7	4, -50	GE CE	1 (.TAL X	ME A N W I N ()
· · · · · · · · · · · · · · · · · · ·		1.		2.9			• • • • • • • •	• "		• • • • • • •		F . 7	15.7
· · · .		• .	1.7	1.2	.1							٠.٦	9.5
1,1			1.7	1 . 1			• -					3.4	٠.7
1.50			1.5	2.3	. 0							7.1	10.2
			1.6	1.4								7,7	c • o
			1.4	1. !	.:			•				3.2	10.0
. !		• 1	i.6	1.7	• ~							7.2	¢.7
		•	1.7	! • 1								3.3	٠,٦
!			1.5	1.1	• ?		. :					7.7	10.0
			1 - 7	• +		• !						3.0	9.5
		1.	1.4	1.2	• 7							?• ·	:.4
h . o		. •	1.4	7.1	• 2							4.6	} € • ^{c,}
•			1.0	*. **		• ~						5.5	10.7
				7.0	• ?							F . 4	10.4
٠, إ			6.9	. 1	• [7	1:.7
. !		1.4	2.6		•1							7 - 1	10.4
				• • • • • • •			••••••				• • • • • • • •		
37.5	///////////////////////////////////////	1121111	/////////	11111111	1111111	,,,,,,,,	111111111	((((((11111111	(11,111)	11111111	25.7	111111
1:11:1:	,	11.		7	1.5	.:	. :	. 1				::0.0	7,6

Trible was like to be attorned a comme

GLOGAL (LIMATOLOGY PRANCH PROCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED US MILITARY ALATHER SERVICEZMAC

STATICS NUMBER	m: 27596 Y	3 7 A T C	NAME:	KAZAN US	SA					OF OFCOR		-87 fl: 6000-	9 ₄ 60
•••••		• • • • • • •	• • • • • • • •	• • • • • • • •		ND SPEE	IN KNOTS		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••
OIMECTION (OF OMIES)		4 -1,			17-21	22-27	29-33	34-43		455	GE '6	1(1AL 1	ME AN MIND
N	· · · · · · · · · · · · · · · · · · ·	*****		.7			••••••		•••••		• • • • • • •	5.6	6.A
• •		: • 6	1 ⋅ C									2.6	7.3
146	i F	• `	1 • C	1.0								2 • 3	10.3
ENE	!		1.0	1.3								3.6	9 + 3
1	İ	1.	4 • 6	. 7								6.6	٠.9
! ±F	i I		1 • ?	1.0	• 3							3.3	11.5
56	1	• 7	2 . 3	2.0		• '	•					5.2	11.2
€ 54	!	1 • 7	1 • ?	1.3								7.9	۵. ۵
÷	i I	1."	1 . 3	1 • 3								4.5	د . ۹
5.5w	1	1.	1 . *	. 7								3.3	۰.6
5.4	İ I	• •	1.0	1.6								3 • 3	1~.9
1	t t	• 7	• 7	. 3								1.6	9 • 2
•	} 	: • €	1.3	1.0	• 3							4 . 3	° •2
1. 14 _m	! !		2.€0	• ?								4.6	7.6
tes	† 	1.	3.3	1 • 2	• ?							6.2	9.6
3. fe m	! !	***	6.3	1 • 6								9.5	e •5
Avelvefe	••••••••••••••••••••••••••••••••••••••	•••••	• • • • • • •				•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •		
CALP		11/11/1	(1/1/////	11111111	11/1/1/	11/1/1/1	///////////////////////////////////////	1111111	///////	11/1/1/1	,,,,,,,	31.°	111111
10.1854	 			14.7								160.0	6.2

TOTAL NUMBER OF CHICKNATIONS 1 125

SLOGAL CLIMATCLOGY HRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

STATION NUMBER: 275957 STATION NAME: HAZAN USSR FEFTAU (F - ECORD: 70-97 HOURS (LST): 6360-9560 MCHTH: ALK #IND SPEED IN KNOTS

DIRECTION | 1-3 4-5 7-10 11-16 17-21 22-27 28-33 34-40 43-47 44-55 GE 56 TOTAL MEAN COMPRESS ! ı - I N D 1. ? • ? 4.6 7.5 1.7 1.3 7.3 9.4 . 7 1.6 3.0 T GE . ? 1.3 . 7 . 3 10.6 4.0 8.7 ŧ 1.2 • 3 5.6 2.5 9.5 rse 1." 7.6 6.6 5.4 2.0 • 3 • 3 4.0 9.3 5.51 2.0 1.0 3.3 10.0 1.7 . 7 10.0 5.50 . 7 . 7 1.0 2.3 9.4 1.7 3.3 9 , 9 S. 1.0 1.3 F 5 4 . 7 1.0 2.6 9.5 . c .6 7.5 7. 1.3 1.0 1.7 5.3 9.8 A 100 1.0 2.6 c . 3 . • " 2.3 . 7 9.3 1.1.4 2.6 9.9 VARIABLE CALM 21.4 ////// TOTALS 165.0

TOTAL NUMBER OF DESCRIPTIONS: 233

BLOBAL CLIMATOLOGY PRINCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND CRECTION VERSUS WIND SPEED USAFELAGE.

AIR MEATHER SERVICE/MAC

STATION NUMBER: 275050 STATION NAME: KAZAN USSR FERTIO OF PECOPO: 78-87
POSTH: ALG HOURS(UST): 0600-0800

(Dr 05562)		4 -0	7-15		17-21	ND SPEED	2P-33	34-45	41-47	44-55	GE °6	TOTAL	MEAG WIND
fu .	!	• • • • • • •	4.6	1.3		•••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • • •	••••••	7.9	8.4
► ruf	1 f		. 7	1.3								2.6	9.8
t.;	1	:• '	1.7	• 7								₹.6	R.7
FINE	} !	1.7	2.3	. 7								4 • 6	F .4
Ł	! !	:•"	:• €	1.7								5.3	۰.3
FSE	1	• ?	3 • 3	1.3								5 . 3	÷ .6
إ ن	! [1.0	2.3	1.3								4.6	9.6
* 56	} }	1.	2.3	7.3								د ، د	c . a
5	! 	. `	• 7	• 3								1.1	16.0
5.5 m	! !	1.0	1.0	1 • 7			• 7					4 . 7	11.9
Sw	! !	1.7	.,	• 7								2.6	۵. ۹
1.5%	! !	1.	. 7	1.0								3.0	۰.9
		1 • €	1 • 7	1.7								5.9	5.6
s fs'a	1 † 1	2.7	2.5	1.7								5.¢	٠.7
fr.~		:•"	٥٠٠	1.7	• 3							۲,, ۲	10.5
*11.2	: {	i. •	3 • 3	1.7	. 3							5.9	9.3
VARIABLE !	! • • • • • • • • • • • • • • • • • • •			• • • • • • • • •		•••••	••••••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • • •	•••••
CV f.i.) , , , , , , , , , , , , , , , , , , ,	(11)111	////////	11111111	///////	///////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//////	,,,,,,,	,,,,,,,,,	,,,,,,,,	26.4	111111
IC TAL "	ĺ	11.1	31.4	21.1	. 7		• /					120.0	F. A

GEORAL CLIMATOLOGY PRANCH FERGENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND STREET USAFELTAGE FROM HOURLY OBSERVATION.

AIR WEATHER SERVICE/MAC

FECTOR OF FECORD: 79-87
FONTH: ALC HOURS(EST): U900-1100 STATION NUMBER: 275050 STATION NAME: KAZAN USSR

1					wIn	D SPEED	IN KNOTS		, 				
DIRECTION CDEGREFST	1 - 3	4 -ć	7-46		17-21	22-21	2 9- 33	34-42			GE 56	TCTAL \$	ME AN Wind
r. !	• • • • • • • • •		3.3	1• u	.3	•••••					•••••	4.9	10.5
r Nr		:•4	2.3	2.3								5.9	9.3
6t [. ,	• ?	1.0								1.6	11.2
- + sat - [. • •	2 • €	. 7								4.3	8.2
		. ,	3.6	. 1	• 3							5 • 2	10.1
i br		. 7	• 7	1.0								2.3	9.1
١		. 7	. 7	2.6								3.9	10.7
اد ا		• •	2.0	2.€	. 3							5.2	11.6
\$		• *	1.6	7 • 3	• 3							5.7	11.6
, 24		:•*	1.3	2 . 3								4.6	10.7
Sx į			1.6	. 7								2.3	10.0
U ⇒w }		1.4	1.6	3.5		. 3						6 • 2	10.7
· į		1.	3.0	3.6		• *						8 • 2	11.2
a Na I		:•?	3.6	1.6								5.2	9.4
· į		1.*	1.6	3.9	. 7							٠ , ٢	11.3
2000		:•'	3.0	₹. 0		• 3						F . 5	10.5
VARIABLE	•			• • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • • •			•••••		· · · · · · · · ·
ניור ן	111111.11	////////	1111111	////////	1111111	///////	11111111	//////	////////	////////	,,,,,,,	18.0	/////
TOTALS		[4.4	37 - 1	32.5	2.0	1.7						130.7	5.6

GLOUAL CLIMATOLOGY ERANCH USAFETAC AIR BEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRINGE OF SURFACE WIND CHARCTION VERSUS WIND SPEED FROM HOURLY OBSTRYATIONS

1							TH KNOT			• • • • • • •			
DEPAREZ	1 - 3	4 -6	7-10	11-16		22-27	2 a- 3 3	34-40	41-47	45-55	GE 56	TOTAL	ME A N
N .	• • • • • • • •		₹.7	3.3	. 3	• • • • • • •			•••••	• • • • • • •		5.7	11,2
ተለኒ			1.3	2.7								4.0	12.0
NE		• *	1.0	. 7								2.0	9.7
Ft.E			. 7	2.3								3.7	11.1
		:•*	2.0	1 • 3	• 3							4.7	10.5
7.56		2.3	. 3	1.7								4.3	8.9
at.			1.7	7.7								4.3	12.2
e Si		• *	1.3	2.3	• 3		. 3					4.7	11.7
a 1		- 7	2.0	4.0	1.7							9,0	12.8
554			1 • 3	3.3								5+3	11.9
S			•3	. 7								1.3	12.7
in Sin		. 7	2.0	3. €	• 3							6.0	11.5
, ,			3.0	7.7	. 7	. 3						11.7	13.2
k114			2.3	7 • 3	. 3							6.0	12.5
14.4		1.7	1.0	4.7	• 3							9.0	11.2
2100		. 7	1 • 7	(.3	1.0							9.7	12.6
- Junaina	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •		•••••	••••••			• • • • • • •	•••••	••••••	
AL" 1,		,,,,,,	((((())	11/1/1/	1111111	1111111	://////	,,,,,,,	11111111	,,,,,,,,	,,,,,,,,	9.7	111111

CLOBAL CLIMATOLOGY FRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND UTRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECURD: MONTH: AUT HO

7.7

R.3

12.7

12.0

13.7

AIR WEATHER SERVICEMENT

STATION NUMBER: 275953 STATION NAME: KAZAN USSR

#100 SPEED TO KNOTS

OIPECTION | 1-3 4-0 7-10 11-16 17-21 22-27 29-33 34-40 41-47 48-55 GE 56 TOTAL MEAN
OUFGREEST | 11.8 3.6 . -1.7 . 3 3.0 r. ne . 7 12.1 3.0 1.0 2.1 11.3 1.1 FNE 1.0 1.0 . 3 ?.6 11.9 Ł • ? 1.0 1.7 10.0 FSF 2.6 5.3 11.4 2.0 1.3 . 3 4.3 10.4 . 7 2.0 2.0 1.0 5.3 11.8 1.0 P.9 1. 1.7 4.3 .3 • 3 13.2 2.0 2.3 12.9 • 3 554 1.0 Sw 1.3 2.6 11.0 ٠.٦ 1.7 . 7 7.9 12.4 + 5 m . 3.0 6.7 . 3 . 3 11.2 12.9

VEFIALLE CALM 2.9 ////// TOTALS 100.5 11.1

٠,

5.43

r . c

٠. 6

. 3

1.5

1.0

2.3

2.1

TOTAL NUMBER OF OPSISVATIONS:

Wha

114

h ha

GLOGAL CLIMATCLOGY BRANCH USAFETAC AIR ALATMER SEPVICEMMAC

FERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIRECTION VERSUS WIND SPEEL FROM HOURLY ORSERVATIONS

STATION NUMBER: 27595 . STATION NAME: KAZAN USSR

1							IN KNOTS						
DE CREES 1 1	1 - 3	4-6	7-10			-	28-33	34-40	41-47	4 55	GE 56	TETAL	ME AN WIND
ía !	••••••	1 - 6	3.6	3.9	• • • • • • • •	• • • • • • • •	· · · · · · · · · · ·	•••••	• • • • • • •		•••••	8.2	10.0
*ine		1.4	. 7	2.3	• 3	• 3						5 • 2	11.9
NF I			. 7	. 3								1.0	10.0
Enc j		• •	1.6	3.0								4.9	11.2
i.		••	2.0	1.6								4.3	13.6
TISE		1 • ?	1.6	1.0	• 3							4.3	9 • 2
St j		1 • 1	1.3	1 • C								3.6	ê.9
S S E		1 • 7	3 • 3	1.6	1.0							6.0	10.5
S		• 7	2.0	₹• 0								5 • 2	11.5
55%			. 7	1 . 3								2.0	17.0
24		. 7	1.0	:.0	• 3							3.1	10.3
WSW		. • "	2 •€	2•0	• 7							7.2	9.8
h			2.3	4.3		• ?						8.9	10.5
n ten		1.0	3.6	3.9	• 3							4.9	11.0
\		1.6	2.6	2 • 3	• 3							6.9	10.4
2004 j		1.	1.6	4.3								6.9	11.3
VARIABLE	• • • • • • •		· · · · · · · · · · · ·	•••••			•••••	• • • • • • •			•••••		
CVE	,,,,,,,,,,	/////////	11111111	,,,,,,,	1111111	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,,	,,,,,,,	12.8	//////
TOTALS 1		10.4	31.1	35.7	3.?	. 7						100.0	9.2

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GLOWAL CLIMATOLOGY OF ANCH PERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND STREET VERSUS WIND SPEED USAFETAG FROM HOURLY OPSERVATIONS

AIR WEATHER SERVICE/MAG

TION NUMBER									PONTH:		HOURSILS	T1: 2150-	2300
	• • • • • • • • •					SPEED	IN KNOTS					• • • • • • • • •	• • • • • • • • • •
IDERMEST DISECTION	1 -3				17-21						GE 56	101AL 1	MIND MEVN
۸	• • • • • • • •	2.7	2.3	1.0	••••••	• • • • • •	• • • • • • • • •		• • • • • • • •			5.6	9 . 5
3415		1.7	1.3	1.0	. 7							3.9	9.9
TAE .		. •	1 • 3	.7								2.6	9.3
Flá		1.	1.0	1.9								3.1	5.6
i į		ê • '	2.€€	2.3								6.9	9.0
rse i		• *	• 7	1 • 3								2.3	10.6
er j		• ?	2.3	1.0	. 3							4.3	10 •4
5.58		1.,	2 • 7	. 7								3.9	6.0
5		. 7	1.6	1.3								3.5	9.5
f Sm		1.5	3 • 3	1.5								5.6	9.1
S. 1		• ~	1.6	. 3								2.6	8.5
, S		2.6	1.3	• 7	• 3							4.7	8 • 2
- !		1.3	1.0	$\mathcal{P} \bullet \mathcal{V}$								4.3	9 . R
1. "vie 1		$1 * \epsilon$	1.7	1.3								4.7	9.1
104 f		1.1	1 + 3	1.3	• 3							5.2	8.9
1.11. i		4.9	4.3	2.6								11.ª	F .7
WEHALLE !	• • • • • • • •	••••••	••••••	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •			• • • • • • •		• • • • • • • •	• • • • • • • • • •	• • • • • • • • • •
CALM !		////////	////////	////////	111111111	111111	11111111	1111111	/////////	(111111)	////////	24.7	//////
TOTALS		25.1										160.0	6 • R

GLUBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND ELECTION VERSUS WIND SPEED USAFCTAGE FROM HOURLY ORSERVATIONS AIR WEATHER SERVICE/M4C

INECTION DE UPEFS) 1	1 - 4	4 - (,	7-10	11-10			1N KNOTS 2P-33		41-47	45-55	وق رو	T C T A L	MEAN WIND
h [• • • • • • • •	: • • • • • • • • • • • • • • • • • • •		1.8	.1	•:•••••	• • • • • • • •		• • • • • • •	• • • • • • •	•••••	6.6	9.4
* NE		1.^	1 • 4	1.4	• 2	• າ						4.0	10.9
ME !		• 5	1.1	.,								2.4	9.9
i ist		. ?	1 - 4	1.3	. 1							3.7	9.9
		1.1	2.6	1.2	. 1							ٿ•ٿ	9.5
ا ادا		. :	1.7	1 • 6	. 1							4.2	3.4
54.	•	• 1-	1.8	1.5	. 1	٠.5						4.3	10.4
5.5f	• .		2 • 1	1.6	• ?		• 2					4.9	10.4
		. 1	1.6	2.3	. 3	• 0	• €					4.9	11.7
554		. 7	1.2	1 • 7			• ٥					3 • 7	10.7
5 W			1.0	. ?	. ?							2.6	9.8
w.Sw		,	1.4	1.9	. 2	٠.						4.9	10.4
.		1.0	2.1	7.5	. 1	• 5	٠.					7.5	11.0
ਸ਼ਹਮ <u>1</u>		1.0	2.2	2.4	. 1	•1						5.9	10.3
Nw		1.4	2.3	Z.6	. 4							6.7	10.6
55W		1.7	3 • C	2 • 3	• ?	•1						9.4	10.5
WIRINELE	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	••••••			• • • • • • •	•••••	• • • • • • • •	
CAL"	//////////	1/////	(11/1////	/////////	(1/1////	///////	///////////////////////////////////////	(//////	11111111	////////	///////	20.3	111111

BLOBAL CLIMATOLOGY FRANCH

PERCENTAGE FREWUENCY OF OCCUPRENCE OF SURFACE WIND LIBECTION VERSUS WIND SPEED USAFILTAGE
FROM HOURLY OBSERVATIONS

ALP WEATHER SERVICE/MIC

STATION NUMBER: 275925 STATION NAME: KAZAN ""SR

• • • • • • • • • • • •	• • • • • • • • •		••••••	• • • • • • •		in epten	TN KNOTS		• • • • • • • •	• • • • • • •		• • • • • • • • • •	• • • • • • •
DIRECTION LOE GRZES)	1 - 5	4-5	7-13	11-16			. F = 3 3		41-47	41-59	SF FE	T(TAL	MEAN WIND
h.]			2.1	. 3	. 7	******	•••••		• • • • • • •	• • • • • • • •		4.4	9,4
TINE I		(1.7	. 7								3. 4	٠.5
- ia -		• ?	. 7	. 7	• ?							0.1	10.8
rut		• 7	1.5	1.7	. 3							₹.€	11.9
. !		• •	3.5	1.4	• 3							٠.٠	9.4
C SE		1 - 4	4.2	1 . 7								7.3	9.4
58.		• 7	1.7	. 7								7 • 1	۶.5
< SF			2 • 1	2 • 1								4.7	11.7
s į		$1 \cdot h$	1.7	1 • 4								4.5	ρ.9
: S		:.:	7.5	1.0			. !	٠ ٠				7.1	17.9
Sa j		1.1	2.8	. 3								6.3	7 +2
W5m		• 7	2.4	1.0		• !						4.5	11.5
- i			2.4	2.4	1.3							A • 7	10.8
2 (s)a		:•	1.5	2.1	• ?							4.5	10.8
to.		• *	1.7	₹• 4	• 2							6.3	11.6
Max		1 . 7	1.4	1.0	• 3							4.5	9.5
VARIABLE I			•••••	• • • • • • •	••••••				• • • • • • • •			• • • • • • • • • • • • • • • • • • • •	
CAIM 1	111111111	,,,,,,	,,,,,,,,	///////	11111111	1/////	,,,,,,,,,,	///////	,,,,,,,,	///////	1111111	18.5	111111
TOTALS		19.5	34.6	2:.7	3 . P	.,	. ,	. 3	•			100.0	۶.2

TOTAL MIMBER OF OPSERVATIONS: The

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GLORAL CLIMITOLOGY BRONCH USAFETAC AIN MLATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

язении моттат2	PER: 275957 STATION NAME: KAZAN USSR								PERION OF RECURD: 78-87 MONTH: SEp HOURS(EST): 0300-0500					
UIRECTION I UIRECTION I UESTERT		4-5	7-12		17-21	0 SPEED 22-27	IN KNOTS 28-33			4r-55	GE 56	TOTAL 1	MEAN WIND	
N		1.7	2.7	1.7	.3		•••••	• • • • • •	• • • • • • • •	••••••		6.5	9,9	
Po Tall		• •	1.7	• 3								2.7	6 • 5	
to			. 7	. 3	. 3							1 • 4	11.8	
r _e r		. *	1.4	2.0	. 3							3.1	11.2	
t l		4	3 • 1	3.4								7.9	10.0	
t și,		• 7	3.8	1 • 4								5.5	10.1	
5ŧ [3 • 1	• 7	.3							4.5	13.2	
rui l		1.	1 . 7	12.7								5.5	10.6	
		1 -	٠.4	1.0	. 3							4.9	9.8	
15.			. 7	1.4				. 3				2.4	15.6	
5×			2 • 1	1.4								4.5	٥.5	
W 5 W		:	1.7	1.0	• 3							5.2	9 • 3	
-		1.7	2.4	2.7	. 3							7 . 2	16.4	
W State		4	. 7	7.1								6.2	9.8	
ten.		• 7	2.7	. 7	• 3							4.5	9.0	
· "Na I	 	1.4	1.7	7•1	. 7							5.4	10.9	
VARIABLE	· • • • • • • • • • • • • • • • • • • •			• • • • • • • •	•••••		•••••	• • • • • •		• • • • • • •		• • • • • • • •		
CALM	111111111	,,,,,,,,	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,,	111111111	//////	///////	////////	///////	22.3	111111	
FOTALS		16 - 5	32.6	2"+1	3.4			. 7				100.0	7.9	

TOTAL MIMBLE OF ORGERVATION: 791

SUBSING CLIMATOLOGY DRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AINS LIMITATION VERSUS AIND SPEED USAFELTAGE AIR WEATHER SERVICE/MAG

ATION NUMBER:	275957	STATION							мач.ты:	SET		[1: 3639÷	D6 GC
DIRECTION DIRECTION TOEGREES)	1 - 5	4 -1,	7-10	11-16	m I N 17-21	22-27	ZB-33	34-40	41-47	455	bE 56	T(TAL	MEAN WIND
		1.4	3.4	1.4	•••••	•3		• • • • • • • •	•••••	• • • • • • •		6.6	19.2
tital.			1.0	1.0	• 3							7 - 1	10.9
NE		1.	2.1	• 3	. 3							3.3	٥.٥
r NE		• 7	1.7	1.4								٠,٥	12.4
		1.4	3 • 8	7.1								7.2	9.9
t St		• *	3.1	1.4								4.3	10.4
5f		1.4	2.4	2.1								5.0	9.5
5: SF			2 • 1	2.1								4 + 1	11+3
s į		1.4	3.8	1.0	• 3							6.6	7.1
55.			₹•1	1.4	. 3							3.8	11.4
5 K		1.4	1.0	2.4		• 3						5 • 2	10.5
# 15 m		1.5	1.4	1.4	• 3							5.2	9.9
· j		~ . :	3.8	2.4								9.3	9.2
n tyai		1.4	1.0	2.4								4.3	10.7
1,4		1 • 4	1.4	2.1	• 3							5.2	10.7
t. ten		1.4	1.0	^• 1	• !	.3						5.7	11.5
VALIABLE	• • • • • • • • •		•••••	• • • • • • •	••••••	• • • • • • •		• • • • • • •	•••••				
CALT	11111111	11111111	1111111	,,,,,,,	1111111	///////	11111111	,,,,,,,	21111111	,,,,,,,,	,,,,,,,	10.6	111111
TOTALS		16 . •	36.3	20.5	2.4	1						190.0	9.5

TOTAL NUMBER OF DUSERVALIONS: 577

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GLODAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WINE EITHEATHEN VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 275930 STATION NAME: KAZAN USSR

FERIOR OF GECORD: 75-87 MONTH: SEP HOURS(LST): 0100-1100

IRECTION 1	1 +3			11-16			IN KNOTS 29-33					* / * * .	
DE JEEST	1 - 3	u -5	7-iC	11-16		46-21	27-33	34-47	41-47	46+55	GE TE	TCTAL	MEAN LINU
١.			1.5	2.4	1.3		.,					4.4	14.1
NN1		. 7		2.4								7.1	11.8
ાં		. 7	• 3	. 7	. 3							0.0	15.9
ENE		:	. 7	1.3	• 3							3.1	10.1
L		1.5	3 • 1	7.4								7.5	10.6
: 3(1.1	1.7	1.4								4.1	9.3
21			3 • 1	2.4								6.5	10.0
' 51		1.5	1.0	2.5								4.1	10.0
		• 7	1 • 7	3 • 1	• 3	• 5						6.1	12.2
554			3.4	2.7								6.1	10.9
5.4		:	1 • 4	2.4	. 7							٩ . 4	16.9
454			. • 7	7 • 7	. 3	• 5						7 . 1	12.6
. !		1.7	4 . ę	c • 1	• 3		. 7					12.6	11.4
k N		. ~	4	4.8	• 3							7 • 1	12.3
to at		1.	. ?	2.3	• 3							4.1	11.4
Mark I			2.4	2.4	. 7							€.4	12.4
Thiable I		•••••	•••••	••••	• • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •		
1		////////	111111111	11111111	11111111	1//////		1111111	////////	////////	////////	11.2	111111
CITT.		11.4	.9.3	41.8	4.0		. 7					100.0	10.1

AD-A196 644 2/3 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHAP

GEOJAL CEIMATCEOGY THANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

78-87

AIR WEATPER SERVICE/MAC

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1

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF FECURO: MONTH: SEE HOURS(LST): 1209-1400 WIND SPEED IN KNOTS DIPECTION I 17-21 22-27 28-33 34-40 41-47 44-55 GE 56 TCTAL 11-16 MEAN HIND 10004:651 12.9 u. 2 1.7 • 3 6.3 1 NE • 3 2.4 13.5 . , 1.4 • 3 ΝE . 7 . 7 1.4 10.5 ENE . 7 ٠. 1 3.8 15.2 Ł 7.5 5.2 11.2 FSE • ? • 3 . 7 3.1 SE 1.7 1 . 7 3.8 10.7 SSE 1.4 4.9 6.5 12.2 5 1.3 • 3 11.7 4.2 6 . 3 954 • ? 4.9 1.0 c . 4 12.8 1.7 1.4 11.9 5 4 4.5 6.6 h 5 m 1.7 1.7 2.1 . 3 . ? 6.3 11.0 ٠. ٢ 2.5 1.4 13.3 12.7 WNW 1.4 4.7 2.4 9.1 14.6 6.9 7.1 1.0 13.3 7 · 1 1.0 5 • 2 13.1 VARIABLE CVFA TOTALS 150.0 11.7

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE EPEQUENCY OF OCCURRENCE OF SURFACE WIND CIRECTION VERSUS WIND SPEED USAFETAGE FROM HOUNLY OBSERVATIONS

ARR WEATHER SERVICEMMAC

PERIOD OF RECORD: 79-87
MONTH: SER HOURS(LST): 1500-1700 STATION NUMBER: 27595 2 STATION NAME: KAZAN USSR

							IN KNOTS						MEAN
OLDERATES)	1-3	4 -{-	7-10	1:-16	17-21		28-33			46-55	GE 56	TCTAL	MEAN WIND
N:		,	1.0	3.4	. 7	••••					•••••	5.5	12.8
P. INT		• 7	. 7									3.4	10.4
lai -			1.0	. 7	. 3							2.0	12.2
FAL			.3	1.6								1 • 4	11.0
i,		1 . 7	1 • 7	7.4	• 3							6 • 1	9.9
F SE			1.7	. 3								2.0	9.3
5r		. '	1.7	2.2								4.1	10.8
SSE.			.7	٠.1								5 • 6	12.6
S		1.5	1.4	₹.9	1.0							7 . 2	12.0
42.2		• ?	1.7	2.7	2 • 4							7.2	13.6
Sa		. *	• 7	2.7	• 3							4.1	12 • 4
W 5 #		. 7	2.7	€ • 1	• 3	• 7						10.6	13.2
•	!		4 • 1	9.5	1.0	• 3						14.7	13.0
St.		• -	. 7	4 • ਰ	1.4	. ₹						7.9	14 • 2
t _{en}			1.0	3.8	1.4	• 3						6.5	14.9
* lew		. ?	2.0	1.7	1 • 4							5 • 8	12.4
V/RIABLE	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	•••••	• • • • • • •	• • • • • • • •			•••••	•••••	• • • • • • •		• • • • • • • •	•••••
CV FM		,,,,,,,	,,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,,	6.5	//////
TOTALS	 	F + %	23.2	51.2	18.6	1.7						:00.0	11.8

GLOEAL CLIMATCLOGY PRANCHUS AFET AC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

STATION NUMPER: 2757E2 STATION NAME: KAZAN USSR

PERIOD OF RECORD: 78-87 MCNTH: SEP HOURS(LST): 1800-7568 WIND SPLET IN KNOTS
U1PLCTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 30-40 41-47 45-55 GE 56 THE CHEES! 1 WIND 10.1 1 • 4 *: 148 1.1 . 7 . 7 4.2 10.3 ٠, . 4 10.7 N3. 1.1 2.5 2.5 9.7 1 NE ₹ 1.4 2.5 2.1 6.0 9.8 ESE . 7 2.8 9.0 . 7 1.4 1.8 2.5 SŁ • 7 4.9 10.6 1.4 SSE 4.1 2.5 4.9 10.1 ۵ 1.1 2.1 3.5 . 4 7.0 10.9 . 7 2.1 1.1 4.9 12.9 1.4 2.1 . 7 6.0 10.6 1.8 2.1 1.1 5 • ? 454 10.5 . i . ' 3.5 3.5 9.1 10.7 U.S. 2.5 . 7 5.3 12.4 1.1 5.6 1, 4 . 4 2.1 . . 5 . 7 11.3 7.5 te ten 2.8 1.0 VARIABLE CALF 11.6 ///// . 7 TOTALS 35.1 . 4 100.0 9.6

TOTAL NUMBER OF OF ENVATIONS:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEMMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND CHRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PLDIOD OF HICORD: 79-87
MONTH: SEF HOURS(LST): 2100-2320 #IND SPEED IN KNOTS
UIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 45-55 GE 56 TOTAL MEAN IDEGREES! 1 1 wIND . 3 1.7 • 3 2.7 13.1 . 7 1.3 . 7 NINE 1 . 7 4.1 10.2 1 . 4 1 • C 10.3 FILE 2.7 1.0 4.1 9.8 3.8 5.1 10.2 Est 1.7 2.4 . 3 4.4 11.5 SF 1.0 1.7 3.8 1.3 A .7 S Si. . 7 2.4 3.1 5.8 10.7 S . 2.7 1 . 7 2.0 ٠, ۲ 6.8 10.7 5 S W . 7 • 3 7.4 • 3 12.8 5 2 . 7 1.7 1.4 9.8 # S # 2.4 • 3 1.7 5.5 9.4 7.4 1.0 2.5 3 - 1 10.7 7.6 1.7 2.9 . 7 . 7 5.5 11-1 tin 3.0 1.0 1.4 1.7 7.5 10.4 NAW 2.0 2.0 10.6 CALM 19.5 ////// . 7 13.7 31.4 30.0 130.0 8.5

GLOBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND STRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

ATION NUPRER	: 275917	STATICE	. NAME:						MONTH:	_	HOLRS (LS		L
DIPECTION (UCGREES)		4-6	7-1C	11-16	17-21	D SPEED 22-27	IN KNO 1: 29-33					TOTAL 3	MEAN WINU
N .			1.5	2.2	•5		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	5.3	11.4
N NE		1.7	• 9	1.2	. 3	•3						3,4	10.4
HE		• 3	.9	• 6	•2							2.1	10.5
ENE !		• c.	1.4	1.2	. 1							3.1	10.5
L I		1.0	2.9	?•5	• 1							6.5	10.2
E 2E		• 6	2.2	1.4	• 1							4.3	10.2
ا ۶۲		. 7	2.2	1.6	• 7							4.6	19.0
		• c.	1.6	2 - 1								5.1	11.2
5 1		: . 1	2.0	2.6	• 3	• 1						6.2	10.ªR
1 539 - 1		• 6	1.8	2.3	• 6	. 3	• 0	- 1				5.5	12.4
5 W		1.2	1.6	2 • 1	• 2	• 7						5.2	10.3
W S w		1.1	2.2	2.3	. 3	• 2						6.2	11.2
, !		1.6	3.5	4.5	•6	• 1	. 1					10.4	11.3
4 N₩ 1	. 1	1.0	1.3	2.7	. 7	. 1	• હ					6.9	12.3
Para			1.8	2.5	• 7	• 7						5.7	11.7
N. taw		• "	1.8	2.2	.6	• ?	٠.					5.6	11.4
I BIBALHAV								• • • • • • •	•••••		•••••		
1	/////////									,,,,,,,,	,,,,,,,,		
101415	• *	12.6	29.9	36.1	5.4	.7	• 2	• 1				100.0	9.5

GLODAL CLIMATCLOGY PRANCH USAFETAC PERBENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND OTRECTION VERSUS WIND STILLS AIR WEATHER SERVICE/MAC

STATION NUMBER: 275957 STATION NAME: KAZAN USSR

17-47 # MONTH: OCT | HOURS(LST): 0000-0200 | WIND SPEED IN KNOTS UIPECTION | 1-7 4-6 7-16 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN (DEGRIES) | LDE GREES) | **W1ND** 10.8 M.N. 1.0 10.0 7.6 . 7 1.6 14 • 7 • 3 . 7 1.0 FIVE . 3 11.3 . 7 9.1 1.6 Est 1.6 1.3 . 7 3.6 8.2 • 7 1.0 ₹.6 • 3 5.9 12.6 1 SE . 3 3.6 11.0 2.0 10.6 3.9 3.0 5.9 • 3 11.1 WSW 1.0 3.7 3.3 . 7 10.5 7.3 . 7 . 7 4.6 12.4 11.9 2.6 4.3 6.9 N No. f.h 1.3 2.3 . 7 5.6 12.3 TINK VANIABLE 1 CVL" 17.4 ////// TOTALS 1.7 100.0

reglab of Fecapo:

TOTAL NUMBER OF OBSERVATIONS:

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CLOGAL CLIMATOLOGY PRAYCHUSAFETAC AIR WEATHER SERVICE/MAC

PERSENTAGE FREQUENCY OF OCCURRENCE OF SUPPACE WIND DIRECTION VERSUS WIND SPEED FROM HOWRLY OBSERVATIONS

STATION NUMBER	275052	OTATE	NAME:	KAZAN US	SR				PERIOD MONTH:	OF FECOR		-87 rl: p3pn-	05 00
		• • • • • • •	•••••	• • • • • • • •	ıı	ND SPEED	IN KNOTS	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
DIMECTION (OF GRES)		4-5	1+10		17-21	22-27	28-33		41-47	44-55	GE 56	TOTAL	ME A N W I N D
Ŋ		1.4	2.9	2.9	• • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	6.9	10.2
N NS			1.3	. 7								2.9	11.0
NE .		1.7	. 3	. 3		• 3						2 • 3	10.4
7.%E	İ	• *	1.0	• 3								1.6	9.6
E.			2 • 0									2.0	9.3
٤٤٥		1.^	1 • D	1.5								3.6	10.0
58	į	. 7	1.6	2+3		.7						5 • 2	12.4
5 SE		• ?	1.3	2.3								5.2	11.1
5		1.5	2.3	7.3	• 3			• 3				7.2	11.9
5 S.#		• *	2.9	7 • 6	• 3							7.2	11.0
5 w		2.6	1.3	7.7	• 3							8 • 2	10.4
¥ 5₩		1.0	1.6	7.3								4.9	10.8
<u>.</u> .	 	• 7	1 • 0	3.9	• 7							6.2	12.7
in ten		• 7	1.6	3 • 6	• 3							6 • 2	11.8
le or		1 • 3	1 • 3	3+9	• 3	• 3						7 • 2	11.6
te take		1.0	2 • 6	1.6	• 7							5 • 2	1C+8
VARIARLE	• • • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	•••••		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	
(AL+	111111111	1111111	((((()))	///////////////////////////////////////	,,,,,,,	////////	(1111111	//////	(///////	///////	,,,,,,,,	19.7	111111
TOTALS	1	15.4	25.5	37•€	2.9	1.7		• 3				100.0	9.0
	• • • • • • • • •		• • • • • • • •						• • • • • • •		• • • • • • • • • • • • • • • • • • •		

SLOBAL CLIMATOLOGY HRANCHUSAFETAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OFSERVATIONS

STATION NUMBER: 275950 STATION NAME: KAZAN USSR PERIOD OF FECURO: #IND SPEED IN KNOTS

UIPECTION | 1-7 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN IDEGC: EST 1 WIND 11.3 t. NE 1.3 . 7 1.7 11.6 9.2 N . 1 • 3 1.7 1.0 F NF • 2 . 7 1.7 9.2 • 7 ŧ. 1.0 1.7 . 1 3.4 8.4 E SE . 7 1.3 1.7 3 . 7 12.4 50 . 7 2.3 3.4 . 3 12.4 < 2E . 7 2.0 12.9 S . 7 2.3 5.4 5 5% 10.9 . 7 2.0 3 - 7 6.4 SW 1.7 2 • 3 7 - 7 7.7 10.4 k 5 k 5.0 1.0 3.4 . 7 16.8 3.4 • 3 1.3 6.2 11.4 2.7 N Na 1.3 1.7 1.0 6.0 10.5 N. 1.2 3 . 7 . ? 5 . 7 12.5 81 N. W VARIABLE CAL" International Control of the Control 1.7 • ? TOTALS 2.7 100.0 9.0

FERUENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS GEOGRE CLIMATOLOGY PRANCH U'AFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER	R: 2759(^	STATION	NAME:						MONTH:		HOLRSILS	-87 11: 0960-	1100
DIRECTION (DE GREES)		4 ~£		11-15	atn 17-21	0 SPEED 7 5-22	IN KNOTS 28+33	3 u - u O	41-47		GE 56	TOTAL	ME A N
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		• • • • • • • •	2.5	1.3	1.0	•••••	•••••		•••••			4.2	13.5
N NE	!		. 7	2.0	• 3							2.9	12.8
ΝE	!	. 1	1.0	1.3								2.6	11.0
ESSE	! !		2.0	• 3								2.3	9.4
L	! !		1.0	. 7	• 3							2.6	10.4
T 36	!		1.3	2.0								3.6	10.9
26	! !	. 7	• 3	2 • 6	• 3							3.9	12.4
rse	!	• 1	2.0	^	. :							5.9	11.7
ž.	} !		3 • ♀	٠. ٥	1 - 3							11.1	12.5
S S h	! !	1.0	2.€	2.9	• 3							6.0	10.9
S.	!	:•"	2 • ?	7 • 6	• ?							7.2	11.2
هد ۱۰۰	!	1.,	1.0	2.9	• 3							5 • 6	10.6
w	!	:•^	2.6	4+2								7.9	1 C • A
ने विका	!	. 7	2.3	۲.2	• ?							e. A	12.4
Fre as	f !	1.7	1.3	2.9	1.0							6.5	11.8
to NW	; !	• 7	2.5	7 - 3								6.5	10.5
VAHIABLE	! • • • • • • • • • • • • • • • • • • •	• • • • • • •				• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • •	•••••		
CVFH		,,,,,,,,	,,,,,,,,	,,,,,,,	1111111	(1/1/1/	///////	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	11.4	111111
TO TALS	! 	% . *	25 •B	44.1	5.2							100.0	10.2
••••••	•••••	• • • • • • •	•••••	• • • • • • •		•••••		• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	

TOTAL NUMBER OF OPSIGNATIONS: 326

C

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND BERKETION VERSUS WIND SPEED FROM HOWRLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

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PHOLOGO F - ECORD: 7F-97
MONTH: nCT HOURS(EST): 1200-1400 STATION NUMBER: 275953 STATICH NAME: KAZAN USSR | #IND SPEED IN KNOTS | DIPLOTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 41-59 SE 56 (UF GPEES) 1 WIND 1.7 2.0 17.7 N/NE . -1.0 1.7 . 3 2.7 11.7 14 1.0 1.7 1.3 . 3 10.8 FNF 1.0 . ; 9.5 í. 2.7 . 3 10.6 اد ۲ • 3 . 3 . 7 12.0 SF • ? 2.3 2.7 14.0 5 S E 2.0 3.7 . ? 6.5 12.2 ٤ 1.7 6.3 1.3 3.1 13.5 55. 1.0 6.0 . 7 1.3 13.6 54 2.7 4.0 . 7 ۹.1 11.⁸ 2 5 W 1.7 3.0 . 3 12.9 . i . 7 4 • C F . 4 . 7 11.6 UNW . 7 1.7 6.3 1.3 12.9 1000 2.3 4 . 4 • 3 7.3 12.5 HNA 11.9 VARIABLE CALM 7.4 ///// TO TALS 160.0 11.4

DEAFLIAC CLIMATOLOGY IF ANCH AIR WEATHER SERVICE/MAC

FERSONANCE FREQUENCY OF OCCURRENCE OF SUPERACE WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 27:00 - STATION NAME: KAZAN USSR PF01:0 GF FECORD: 78-87
MONTH: 0CT HOURS(LST): 15U0-17CC
MIND SPECD TH KN015
UIRECTION 1 [-1 1-6 7-.0 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN OFF IDE GREES 1 1 0.0 1 . 3 1:11 16.0 1., 1.3 1.6 . 3 4.6 10.4 10 f f.E . 3 . 7 8.0 Ł • 7 1.3 2.3 12.0 r St • 7 . 3 1.3 9.0 -,1 • 3 2.9 7.9 12 • 3 556 1.6 4.9 . 7 7.5 6.2 . 7 4.2 55. . 7 . 7 5.6 15.1 1.6 7.9 . 3 . 3 3.4 :.6 1. . 3 13.0 . 5 . . 7 5.6 1.2 7.8 1.0 4 . 1 14.4 12.0 a lan 1.6 6. 5 . 3 9.8 12.9 1.4 ٤.5 ĵ. q • 3 5.7 10.9 P. NW 12.3 VERTABLE CALM TOTALS 1.1 107.0 11.5

BEDBAL CLIMATOLOGY MEAUCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED INSAFETAC.

ATR WEATHER SERVICE/MAC

FICA NUMFER							••		"CNTH:	0.01		րի։ 1850-	
torestien t	1 -3				W T A	D SPEED	TN KNO IS 29-33					T G T A L	ME A N WIND
N		••••••	1.7	3.4	• ?	•••••	••••••	• • • • • •	• • • • • • •		• • • • • • • •	۶, ۵	10.0
t tite 1			1.7	1.7								₹.4	11.2
fel. f		. *	1.0									1.7	7.5
THE T		. :	1.0	• 3								1.7	9.2
: 1			• 3	. 7								1.7	12.7
t SF		1.7	1.3	1.3								3.7	9.8
5f 1			1.7	2.7	. 3							4.7	11.9
5 S.E. 1			1.0	4.0								5.4	11.9
5 1		1.7	2.3	4.4	. 3							9 . 7	11.7
5 × 1		. 7	2.3	5.4	. 3							R . u	12.2
5w		, ,	2.0	7 . 4								6.7	11.1
 		~	2.0	2.0								7.0	9.0
, I		:•-	3.4	?.7	. 7							R . 7	11.5
::::::::::::::::::::::::::::::::::::::		• 7	2.7	4.7	• 3							F.i	11.4
Tain 1		. 7	• 7	2.7	. 7							4.7	12.4
tutos.		• 7	1.0	2.3		. 3						4.4	11.9
VARIABLE	• • • • • • • • •		••••		• • • • • • •	• • • • • • • •	••••••					•••••	
CVFh	,,,,,,,,,	,,,,,,,	1111111	(///////	,,,,,,,	/////////	111111111	111111	.,,,,,,,	////////	///////	14.4	//////
TO TAUS		17.0	25.0	47.6	3.0	. 7						100.0	9.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

PEPCENTABE FREQUENCY OF OCCUPRENCE OF SURFACE WIND CIPECTION VERSUS WIND SPEED FROM HOUNLY OBSERVATIONS

STATION N	UMPER: 275957	STATION NAME:	KAZAN USSR	PER130 OF FECOR	RD: 79-87
				MONTH: OCT	HOURS(LST1: 2109-2300

1							IN KNOTS						
INSCIION DEGAIEST	1 -3	4 -1	7-10	11-16	17-21	22-27	2 P- 2 3	34-40	41-47	46-55	GE 56	TOTAL 1	MEAN
N !		1.7	1.3	2.7					• • • • • • • •	· · · · · · · · · ·		5.7	9.8
NRE		. 7	1.3	1.0								3.0	10.4
i4F		1.7	1.0									2.7	6.4
ENE [. 7	1.0	. 7								2.4	9.4
1 1		• ?	. 7	. 3								1.3	9.5
1.26		• *	1.0	1 • 13								2.4	10.3
_t		. 7	1.3	7.0	1.0							e, . 1	12.6
SSL		. 7	2.0	7.0								5.7	10.1
5		1.	3 • 4	2.4	.7	• 3						7,7	11.7
ر پور		i.~	4.7	7.4								9 • 1	10.3
- kc		1.7	1.7	7.7								7.1	10.7
:. 5W		. 7	1 • 3	₹•0								5 • 1	11.0
· ;		2.0	1 • 7	5 • 1	. 7							19.1	11.7
ans 1		1.7	1.0	7.7	. 3							5.7	11-1
t. 11		• 7	• 7	7 . 4	• 3							5 • 1	12.3
false [. 7	2.7	7.4	• 3	. 3						7.4	11.6
VARIABLE			• • • • • • • • •				••••••	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • • •	
CV F.	,,,,,,,,	//////	(11/1/1/1	///////	1111111	////////	,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,	14.5	//////
TOTALS		15.7	26.9	3°•7	3.4	. 7						100.0	9 .4

CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 27595 ' STATION NAME: KAZAR USSR PERIOD OF ELCOPO: 78-87 MAITH: OCT HOURS(LST): ALL

SECTION I	1 -3	4-6	7-10	11-16		1D SPEED 22-27			41-47	4 = -55	GE 56	TOTAL	MEAN
EURZESI I			-			_					GC 50	10172	WIND
١		1.5	2.0	2+5	•5	.1						6.1	11.2
N NL		. `	1.2	1 • 2	• 1							2 • 7	11.1
NF.		• ¢	1.0	. 7	• 1	• 2						2.7	9.6
ENE I		• ?	. 9	. 4								1.6	٠.5
į.		٠,	1.0	. 7	• 1							2.3	10.0
1 1 32 1		. 7	1 • C	1.1								2 • •	9.^
SF .			1.1	2.7	.3	•?						4.8	12.5
sse !		. u	1.5	7.1	• 2	•7						5.3	11.8
۱ ا د		. 7	2.4	4.7	. 7	•3	• 0	• 5	,			8.7	12.3
ا ا		• 7	2.1	4.1	.5	• 1						7.5	12.0
sw		1.	ž • 1	3.6	• 2	•3						7.3	11.1
45 a !		1.1	1.6	3.2	• 2							6.1	11.1
-		1.1	2 • 4	e • 0	. 6							9.1	11.7
		• c	1 • •	4.3	• 5							7.4	12.0
Na I		• 7	1.5	2.3	• 5	• 1						6.1	12.0
) (14 K 1		. 5	2.1	2.4	• 2	• 1						5.A	11.0
NRIARLE 1	· • • • • • • • • • • • • • • • • • • •												
ı	///////////////////////////////////////	,,,,,,										, , ,	
į											.,,,,,,,,		
DIVER	• 1	11 -	25.9	4 3 • 1	4.6	٠٩	• .71	• *	•			100.0	9.9

GLOBAL CLIMATOLOGY HEANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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AIR MEATHER SERVICE/MAC

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STATION NUMBER: 275957 STATION NAME: KAZAN USSR

MONTH: NOV HOURS (LST): 0000-0200 #IND SPEED IN KNOTS

DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 44-55 GE 6 TOTAL MEAN COFGRIEST ! WIND N 11.8 • 7 6.3 NINE 1.7 1.4 3 , 5 11-4 . . N.F 1.0 1.3 2.4 10.3 r re£ 1.0 1.4 2.8 11.0 . 7 . 3 . 3 t. 1.4 12.3 0.50 1.4 • 3 2.1 9.0 3: i • (. 7 1.7 . 7 • 3 4.5 13.0 S 51. 1.4 1 . 4 4.9 3.1 10.4 1 ? • 3 3.5 3 - 1 8.0 16.4 15.0 5.5 = . 7 ٠. 1.7 1.7 3 . A 17.7 1.0 . 3 A . D 5 % • 3 2.4 3.8 12.1 WSW 1.0 2.4 4.5 . 3 . 3 8.7 11.9 • 7 1.4 4.2 . 7 • 3 7.7 13.6 3.5 . 7 2 NW 1.4 1.4 7.0 10.9 N .. • 3 1.4 . 3 2.1 13.2 NAME 11.7 VARIABLE CALM 9.1 ///// TOTALS 2.3 1.3 100.0 11.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIPFCTION VERSUS WIND SPEED FROM HOUNLY OBSERVATIONS

STATION NUMBER	27595	X011412	NAME:	KAZAN US	SR					OF SECOR		-86 	0500
	• • • • • • • • •	•••••		,			IN KNOTS					• • • • • • • • •	•••••
DIRECTION I	1 - 5	4-1			17-21	22-27	28-33	34-43	41-47			TOTAL	ME AN W1ND
n. 1	• • • • • • • •	. 7		1.7	. 3		• • • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • •	5.R	10.3
tine t		. :	. 7	1.4								2.4	10.3
fet. I			. 7	1.0								2.1	10.7
ENE I		. 7	0	1.9								2.4	10.3
. !			• ?	. 3								1.0	9.3
FSE ↓		• ?	2.1	. 7								3.1	9.3
ો કા		. 7	1.0	2.4	1.7	• ?						6.2	13.7
4.2F		. 7	:.0	4. н	2 • 1	.7						9.9	14 • 3
s [. ,	1.7	7.5	2.7	1.7						14.0	15.3
554		. 7	3.1	2.4	1.0		. 7					R.6	12.6
ا ا		.,	1.7	2 • 7	. 3							5 • 1	11.5
- Sn !			2.1	4.1	. 3	. 3						7.5	11.8
. !			3.1	5 • 1	1 • 7							17.3	12.8
S NN .			1.4	₹. 4		.,						5.5	1: •3
First			1.0	1.0								2.1	11.7
N. No.			:.0	. 7	. 3		. 3					3 - 1	13.1
VARIABLE	• • • • • • • •						•••••		<i>.</i>	•••••			
1					,,,,,,,	,,,,,,,,,					,,,,,,,,,	12.0	
TOTALS	,,,,,,,,,				10.5		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,,,,		100.2	11.2
i							• • • • • • • • • • • • • • • • • • • •					.30.	****

TOTAL NUMBER OF ORSTRANTIONS: 272

GLOBAL CLIMATOLOGY ARANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND LIMITATION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

									мскін:			ri: 0680-	
!					w I N	O SPEED	IN KNOTS						
DIFECTION 1 CDE unifest 1	1 - 7	n -(,	7-10			-	28-33		41-47	455	GE 56	TOTAL	ME A N
٨	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• 7	3.4	. 3	• • • • • • • •	••••••	•••••	• • • • • • • •	••••••		4.8	12.8
PINE I		. •	1.0	1.4								3 • 1	10 • 2
\t			. *	1.3								1.4	11.5
FINE		. 1	2.1									2 . A	A . 3
t.		• 7	1.0	1.7								3 - 4	10.6
F SE		• *	1.4	. 3								2 • 1	8.7
SE İ		. 7	. 7	2.4	• 3							4.1	11.9
5 SE j		• *	2.4	6.2	2.4	1.4	• 3					13.1	14.8
ا د		• *	3 . 4	7 . 2	3.1	1.3	• 3					15.9	14 • 2
5.5% j		1.0	2 • 8	2.8	1.0	• 3						7.9	11.8
S			2.4	2.4	. 7							6.2	11.8
le S et		1."	• 3	₹. 4	• 3							5 • 2	11.9
. !		• 7	2.4	4.5	• 3	• 3						8.3	12.1
Situa I		• •	2 • F	? • ਰ	• 3							6.6	11+2
fek		• 7	• 7	1.0								2.4	10.0
NNa j		• 7	.7	1.7	• 7	• ?						3.8	14 • 1
V/PIABLE		••••••	•••••	• • • • • • •	••••••	• • • • • • •	••••••	• • • • • • •	• • • • • • •	••••••	• • • • • • • •	• • • • • • • • •	
CALM /	1111111	11/11/11	,,,,,,,,	,,,,,,,	,,,,,,,	///////	,,,,,,,,	///////	11111111	,,,,,,,	,,,,,,,,	٥.٥	111111
TOTALS		9.1	25.5	4 . 4	5.7	3.4	. 7					160.0	11.4

GLOBAL CLIMATOLOGY REANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

PERIOD OF PECOPO: MONTH: NOV HOURS(LST): 0900-1100 (DEGREES) 1 ı GNIW 4.2 12.7 N NE 1.8 2.5 13.6 2.1 10.0 9.0 ENE 1.1 • 7 11.6 Ł 2.0 10.5 E SE 1.4 1.4 56 . 4 1.4 2.8 . 7 5.5 13.7 1.4 550 1.4 6.7 13.9 13.9 . 4 3.9 ٥.2 1.1 14.0 3. 9 12.5 . 4 4.2 .4 13.3 4.9 11.7 h 5 m 2.1 t.3 . 7 . . 1 7.9 11.4 2.5 WAR 1.4 10.8 12.7 1.8 1. . 1.1 . 4 Hier 13.7 - 7 VARIABLE ! CALM 7.4 ////// TOTALS 2.9 € • 3 23.6 51.4 7.4 1.1 100.0 11•⁸

TOTAL NUMBER OF OPSERVATIONS: 254

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GLOPAL CLIMATOLOGY ARANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRINCE OF SURFACE WIND SPEED FROM HOWALY OBSERVATIONS

STATION HUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF RECOPD: 77-86

MONTH: NOV HOURS(EST): 1200-1400

Į.	l						IN KNOTS						
DEGREES)		4 -6	77	11-16	17-21	22-27	26-33	34-4C	41-47	45.55	GE 56	TOTAL	ME A N WIND
14		•••••	1.4	^• 1	. 3		••••••	• • • • • • •	• • • • • • • •	• • • • • • •	••••••	4.5	11.6
NINE			1.0	1.4		. 3						2.8	13.1
NE I			• 3	2.4	• 3							3.1	12.6
FNL		. 7	• 7	• 3								1.7	9.2
Ł		• •	• 3	1.4	• 3							2.4	12.1
f SE			• 7	1 + 7				. 3				2.8	15.1
SE.	, 7	• 3	• 3	1.0	1.0							3 • 1	12.1
556			• 7	5.9	2.4	. 7						9.7	15.7
s		• 3	2.4	9.3	2 • 4	2 • 4	. 7					17.6	15.6
5.5W	i I		1.0	3 • B	• 3	• 3						5.5	13.3
SW I		• 7	1 • 7	5.9								A . 3	11.9
asw i		• *	1.7	4.8	2 • 1							9.0	13.5
• į		1 • 4	1.7	4.9	• 3							8.3	11.8
was I		. 7	1.0	3.5	• 3							5.5	12.1
**14		• •		2.4	1.0							4.2	14.3
NNW 1			• 3	2 • 1	• 3							2.8	14.4
VARIAHLE	•••••	•••••			•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••	•••••	
C∧L♥	111111111	//////	,,,,,,,,,	///////	,,,,,,,	(//////	,,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	9.7	//////
TOTALS !	• 3	5.6	15.6	5 7 . 3	11.4	3.9	. 7	• 3				100.0	12.4

GEOGRE CLIMATOLOGY GRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICEMMAC

STATION NEMBER: 27598 " STATION NAME: MAZAN USSR

#IND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 29-33 34-40 41-47 44-50 06 56 TCTAL MLAN LOEGHEES! ! WIND 4.4 11.1 NNE . 7 1.7 • 3 3.0 13.0 1.7 . 3 1.4 12.0 141. . ? 1.0 1.4 11.0 FIRE 2.7 . 7 1.7 11.5 • 3 ٠, ۲ 1.4 9.9 F SE • 7 . 7 2. . 7 2.7 4.4 12.8 556 1.4 6.4 2.0 . 7 . 3 11.5 14.6 S 2.7 ٤.4 3.4 1.7 . 3 16.6 15.4 5 S h 2.7 12.0 5 4 1.4 c . 7 7.4 12.2 1.7 1.7 4,4 . 7 7.8 11.8 WSm 1.7 1.0 2.0 5.4 9.5 12.3 7.4 . 7 • 3 4.4 14 • 2 4 Isa . 7 13.5 fia . 7 1.4 2.7 NINW . 7 1.J • 3 3.0 18.0 VARTABLE CALM 8.4 ///// TO TALS 12.2 52.7 9.9 3.4 . 7 100.0 12.1

GLOBAL CLIMATOLOGY BRANCH USAFÉTAC AIR BEATHER SERVICE/MAC

PCRUENTAGE FREGUENCY OF OCCURRENCE OF SURFACE ALNO DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

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1				m I h	D SPEED	TN KNOTS			• • • • • • •			
IDERSIES I 1-3	q =4,				-	29-33				6E 56	TOTAL	PIND WE & N
		2.7	2.4	.7	• • • • • • • •	•••••	• • • • • • •		••••••		5.8	11,6
N NE		. 7	1.7								2.4	12.9
THE.	. 7	• 3	1.0								2.1	9.5
FNE	. :	. 7	. 7								1.7	15.4
١ !	. 7	. 7	. 7	• 3							2.4	10.7
rst		1.7	2.1								3.9	10.5
St		2 • 1	1.7	1.0							4.8	13.2
5.51		2.1	5.2	2.1	1.7						11.0	15,6
5	. 3	2.4	7.0	3.4	• 3	• 3					14.0	14,4
SSW	:• r	2.1	?•1	. 3							6.5	11.1
Sw	:	.7	4.8			• 3					7.2	12.2
พระ	. 1	1.7	4.5	1.0	• 3						7.9	13.1
.	1.7	2.1	6.9								10.7	11.5
alsa [. '	1.4	1.7								3.4	11.2
14=	. • "		2.1		• 3						3.4	12.3
NNH		. 7	1.4	• 3	, 7		• 3	:			3.4	17.4
ARIABLE	• • • • • • • • •		• • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •				
AL* 1/////	1111111111	,,,,,,,,,,		,,,,,,,,			1111111	11/1/1/1/	,,,,,,,,	,,,,,,,,	8.6	,,,,,,

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIC WLATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUNLY ORSERVATIONS

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF TECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

		•••••	• • • • • • • • •	• • • • • • •		C3342 D	IN KNOTS	• • • • • •	• • • • • • • •		• • • • • • • •	• • • • • • • • •	•••••
DIRECTION (DEGREES)		4-6	7-10		17-21	22-21	28-33		41-47	40-55	GE 56	TOTAL	ME AN WIND
N	!		1.3	2.7	.3		. 3	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	4.7	13.4
NINE	!	4 • 5	1 • 3	1.7	. 7							5 • 1	10.8
iaE] 	. 7	1.3	. 7								2.7	9.5
FNE	! !		. 7	. 7								1.3	10.5
z.	! !	1.5	• 3	1.2								2.4	e .9
r 3E	1		. 7	7								1.3	11.0
SE	1	. 7	1 • 7	7.4	1.0	. 3						6.1	13.0
5.3¢	!		2.7	7.1	1 • 3	. 7						12.5	13.5
s	; [. ,	2.0	7.1	2.7	2.7						14.8	15.4
< S#	!		2.4	3.4	. 7	• 3						6.7	13.0
SW	į	3 • €	1.7	4.0		• ₹						8 • 1	11.1
w Sw		• 7	1.7	2.7								5 • 1	11-1
•	į	• :	3 . C	7.4	• 3	• 3						11.4	13.1
n feli		• ~	2.0	1.3	• 3							4.4	10.5
tra	:		1.0	1.0	. 7	• 3						3.0	14.6
to tree	! !	• ?	• 3	7.4		• ?						3.4	12.1
VARIAPLE	' • • • • • • • • • • • • • • • • • • •			• • • • • • •		•••••		• • • • • •	• • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	i I <i>/////////</i>			11111111	1111111	,,,,,,,,	,,,,,,,,,	,,,,,,,	,,,,,,,,		,,,,,,,,	7.1	111111
10 14L5	 	₽.6	24.2	44.1	a•t	5.4	• 3					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 247

13

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GLODAL CLIMATCLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND DIFFCTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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, c

	• • • • • • • •	•••••	•••••	• • • • • • •			IN KNOTS		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	•••••
IDECTION DECOSEST	1 +3	4-5	7-1)	11-16	17-21		2 F = 33	34-40	41-47	47-55	GE 56	TOTAL	MEAN
	• • • • • • • • •	• 6	1.6	2.8	.4	• • • • • • •	• 0		• • • • • • • •	••••••	• • • • • • • •	5.5	11.8
N NF		. 4	• 9	1.6	• 2	•0						3.1	11.8
HE I		• •	. •	1.1	• 0							2 • 2	10.7
ENE		. 3	• 9	. 7								1.9	9.9
		. 4	•6	1.5	- 1							2 • 2	10.9
36.3			1.2	• 9				• 0				2 • 4	19.6
SF	• 1	. •	1 • 1	2.1	. 9	- 1	• 0					4.9	13.0
5.58		۰۶	1.6	5.9	2 • 1	. 4	• 1					11.0	14.4
5 }	• 1	• ?	2.7	8.1	3 • 0	1.5	. 3					16.7	14.9
5.5w }		• 5	2 • 1	3.2	.5	•?	• 0					6.6	12.3
Sin !		. 9	1.6	4.2	• 2	.1	• 3					7.1	12.0
NSH		. 7	1.7	4 . 2	• 6	. 1						7 • 3	12.2
		1.1	2.2	5.5	• 6	.1	• 0					9.5	12.3
200 E		• 5	1.5	2.5	• 3	• 2						5.1	11.8
316			• 6	1.5	. 4	. 1						3.0	12.9
*11.4		. 7	• 1	1.6	• 3	. 3	• 1	. 1				3,4	14,3
I VARIABEF I		•••••		•••••				• • • • • • •					
1		1//////	,,,,,,,,,,	11111111	11111111		,,,,,,,,,,	///////		,,,,,,,,,	,,,,,,,,	9.0	,,,,,,
TOTALS !	• :			47.3	9.7	7.6	• 7					100.9	11.7

GLOBAL CLIMATCLOGY PRANCHUSAFETAC

FERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND CHRECTION VERSUS WIND SPEED FROM HOLRLY OBSERVATION

AIR MEATHER SERVICE/BIL

FEBING OF BECORD: 77-86 MONTH: MEC HOURSTESTE: JOUR-CIOC STATION NUMBER: 27595 : STATION NAME: KAZAN USSR 41-47 41-55 GE 56 TOTAL WIND 10,5 KNE 1.3 10.0 . 7 • 3 N 1.7 1:.0 i he . 3 1.7 3.0 1 * • 0 . 7 1. 5.5 . 3 L . , . 3 6.0 1.7 3.7 15. 11.7 51 i • n 2.7 2.3 1.3 12.3 . 3 7.7 1.3 1.7 SSE • 7 6.7 . 7 17.4 2.7 7. 1 1.7 1.7 . 7 13.7 15.0 1.7 **~.** 3 • 3 6.0 13.1 1.0 3, 3 1.0 6.7 1:.1 1.3 ٦, 3 . 7 • 3 12.5 6.7 45* 2.7 3.0 5.7 11.1 i • ^ 1.0 7.7 . 3 6.9 12.2 a Na 1,0 1.3 3.0 . 3 . 3 12.9 UNE 1.3 1.0 10.8 VIKIABLE CALM 10.7 ///// TOTALS 100.0

GLOUAL CLIMATOLOGY REAGON USAFETAC

PERCENTAGE FREQUENCY OF OCCURRANCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF PECORD: 17-86

ALR MEATHER SERVICEMAC

STATION NUMBER: 27591 - STATION NAME: KAZAN USSA

PONTH: DEC HOURS(LST): 0300-0500 #IND SPEED IN KNOTS
UINECTION | 1-3 4-6 7-10 11-16 17-21 22-27 2P-33 34-40 41-47 48-55 GE 56 ICTAL ME A N HIND TOR UNLEST 1 1.7 2.6 .7 12.5 4.6 . 7 1.7 ٠, ۲ 3.0 11.9 MILE . 3 . 7 ** L . 3 11.0 . ' 1.7 ENE • 7 10.0 . 7 2.0 9.3 . : 1.7 . 3 1.0 6.3 12.6 t at 31 . 7 • ? 7.6 1.5 4. ? 14.0 . 7 555 1.7 1.3 1.7 . 3 12.3 16.0 1.6 1 1.0 7.6 1.7 . 3 12.3 15.5 . 7 7. 3 1. Sm 2.3 6.3 12.0 . 3 6.7 14.2 4.0 1.3 ٠, د . 7 . 7 :. 7 858 1.7 1.7 . 3 6.3 11.2 3.3 7.7 10.6 3. 1 w New 1.3 . 3 5.0 13.5 2.3 13.5 . : NNE e, g 1.3 11.9 VARIABLE CALM 12.6 ///// 1.3 11.6

AIR WEATHER SERVICEZHIC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

STATION NUMBER: 275757 STATION NAME: KAZAN USSR

PERION OF RECORD: 17-86 "25"H: PEC HOURSTEST): 8600-0600 AINO SPEET IN KNOTS DIPECTION 17-21 22-27 28-33 34-40 COLUMEEST 1 WIND 19.6 1.0 to tak 1.0 . 7 . 7 3.4 11.9 3.0 3.0 11.8 1-1-5 1.0 2.7 10.3 :.-1,4 7.0 4.4 1C.A 15. SF 10.1 12.9 1.4 . 3 2.4 5.4 5.51 2.4 5.7 2.4 • 3 . 3 11.1 14.3 4.4 2.4 ٠, 3.5 1.7 • 3 15 - 3 554 1.4 4.1 1.3 6.4 14.4 . 3 · • 0 1.0 5.4 13.7 ٠.١ 7.1 11.7 7.3 . 3 ē.4 10.7 . 7 12.0 2.7 . 7 12.1 4.4 2.0 • 3 6.3 *, i. w . 3 1.7 • 3 13.1 CALM 2 . 4 . 3 11.3

GLOCAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SUPFACE WIND STRECTION VERSUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS

ti 9.4 1.1 . 4 1.1 1.8 N 64 1.4 1.1 • 7 5.0 11.1 1.6 . 7 1.4 11.0 Ĺ 1.1 1.1 2.5 10.3 ESE 2.2 2.8 . 4 6.7 11.1 SF 1.1 2.8 . 4 1.4 5.7 12.9 5.5€ 1.1 ۶.5 2.1 1.4 14.2 15.7 1 . . 4 2.1 7.8 1.4 . 7 13.0 55. 1.4 ٠.1 . 7 13.5 5 % . 7 2.1 13.9 7.1 12.1 . 7 11.3 Ulim 1.4 1.1 . 7 5.7 10.9 $I_{r,d}$ 1.4 7.8 . 4 4.6 12.7

TO TALS 10.0 46.5 8.9 2.5 .7 .4 100.0 11.2

12.6

13.6 //////

. 4

1.5

. 4

1; t. p

CVFA

TOTAL NUMBER OF OPSTRUATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MIC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MODBLY OBSERVATIONS

					₩ I n	D SPEED	IN KNOTS	• • • •				TOTAL	ME A N
DE URLEST	: -3	4 -5					28-33					1	WIND
· · · · · · · · · · · · · · · · · · ·	• • • • • • • •	1."	.7		*****		•••••		• • • • • • •	••••••	•••••	2.0	7.7
ENG.		. *	1.3	1.3	• 3	• ₹						3,7	12.4
NF		• :	1.3	1.0								2.7	10.8
F NE		. 7										٠٦	4.0
E		• *	• 3	. 7								1.3	10.5
i se		. 3	1.0	1.7	• 3							3.4	11.7
s∈ .		• 7	1.7	3.4	1.0	. 3						7.0	13.0
5 SE			1.0	۵.4	2 • 3	1.7						12.9	15 • 3
5		• •	2.0	6.0	1.0	1.3	. 3					10.7	14 • 3
554		• 7	2.7	3 • 4	1.3	. 3						8.4	13.1
5w }		1."	1.3	4.7	1 • 3	• 3						R.7	13.0
+54		• 7	1.3	3.4		. 3						5 • 7	12.1
-			2.3	5.4	1.0		• 3					9.1	13.3
waw [• 7	1.7	2.7	• 7							5.4	11.8
i		1.5	1.0	2.3	• 3							4 . 7	10.6
Ni tew		• '	.7	2.3	• 7							4.0	12.3
VARIABLE]	• • • • • • •		· · · · · · · · ·	• • • • • • •		••••••	•••••	• • • • • •	• • • • • • • •	•••••	•••••	•••••	•••••
CALP .	11111111	11/1////	11111111	1111111	1111111	,,,,,,,,	,,,,,,,,,	,,,,,,	////////	11111111	11111111	10.1	111111

GEOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIPECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

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PERIOD OF FECORD: 77-96
MONTH: DEC HOURS(LST): 1500-1700 STATION NUMBER: 275/80 STATION NAME: KAZAN USSR

DEPOST 21	1 - 3	4 -1,	7-40		17-21	-	2 8-33	34-40	4!-47	48-55	GE 56	TOTAL	ME A N WIND
1,	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		2.0	.7	•••••			• • • • • • • •	• • • • • • •	•••••	3.3	12.9
nns,			.7	. 7	, 7							2.3	12.3
7.I		. 7	1.0	. 7								2.3	9.7
T IvE		1.5										1.0	6.9
. !			• 3	2.0								2.6	12.5
FSE }		. '	1.6	5.0								3.9	10.7
SE		• 7	. 7	7.3	• 3							4.6	12.9
S S E		. •	2 • 3	6.6	2.0	1.5						12.9	15.3
5		• 1	1.3	7.9	1.3	1.7	. 3					12.1	14.4
SSW		• 7	• 3	6.6	1.0	• 3						8.9	14.1
5 k		. 7	1 • 3	3 • 3	• 3			٠ ٦				5.0	13.2
154		. 7	2 • 3	2. y								5.9	10.6
į		1.7	2.6	5.9	1.6							11.1	12.6
N New		1.4	1.0	1.3								3.6	9.3
tsæ		1.3	. 7	3.0	. 7							ė • e	11.4
Nition 1		1.7	• 3	1.0								7 . 3	10.0
W'WIABLE	•••••	• • • • • •	•••••			•••••	••••••	• • • • • • •	•••••	• • • • • • •	••••••	• • • • • • • • •	•••••
C 1	,,,,,,,,,,	1111111	,,,,,,,	11111111	1111111	///////		//////	,,,,,,,	,,,,,,,	,,,,,,,	11.9	,,,,,,
TOTALS I		17.5	16.7	48.9	۴.5	3.2		• ?				160.0	11.3

DEBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND STRECTION VERSUS WIND SPEED USAFITAC FROM HOUNLY OBSERVATIONS.

						IN KNOTS	,	• • • • • • • •				
PECTION FURIESE	1 = 5 4 =t;		11-16							GE 56	101AL	ME A N U N I W
74	• • • • • • • • • • • • • • • • • • • •		3 2.0			. 3	•••••	• • • • • • • •	••••••	••••••	3.7	13.1
NNL			1.0								1.0	13 + 3
et }		• •	.7 1.3								2.3	11.1
C IVE.		• :	. 7								1.0	11+3
. !		٠ - 1	.0 .7								2.3	۰.7
150		. 3	•O 2 • 3								3.7	11.8
3E		. 7 2	5.6	• 3	1.7	• 3					10.3	13.6
5.58		. 7 2	•0 E•0	1.3	.3	. !					10.6	14 • 2
<u>ا</u> د		2.	· ä 6 • 0	1 • 3	. 7	• 3	• 3				12.6	15.4
554		3.	.3 4.0	.7							8.3	12.3
sv i	:	1.	.3 ?.7		• *	• 3					6.0	12.6
45¥		7 1.	.c 2.3	• 7							4.7	12.3
·	:	· = 2	•3 6÷0		• 3						10.0	11.9
wuw i		7 1.	. C 1.3	. 7							2.3	12.2
No.		1 -	7 7+3	• 3							4.3	12.5
nina f	i	1.	. 3 1 . 3								3.7	9 - 1
ARIABLE		• • • • • •	• • • • • • • • •	• • • • • • •				• • • • • • •	•••••	•••••		•••••
AL" /	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111111		,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	12.6	,,,,,,

GLORAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

. 1

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

STATION NUMBER: 278950 STATION NAME: KAZAN USSR

PERIOD OF PECORD: TOTAL UNINO TUL GREEST ! 3.9 10.9 2.6 1.0 "I NE . 7 . 3 2.0 3.0 10.9 NE . 3 1.6 2.0 13.3 CNE . 3 . 3 8.0 1.0 Ł • 3 . 7 . 3 1.3 12.8 ξ. \$ε 3 . 3 2.3 . 7 • 3 úΕ 1.6 3.7 • 3 5.6 13.5 5.58 1.6 6.6 2.6 1.0 . 7 • 3 13.8 15.4 3.0 A . 2 1.6 .7 . 3 15.1 13.7 . . 3 5 . 7 2.6 1.6 1.7 13.1 . 7 IC.B S₩ 2.3 2.6 5.6 :.-2.3 . 3 11.4 W 5 W 1.0 4.6 12.4 2 • 3 4.9 . 3 7.5 . 7 7.3 ٠, ۲ S leb 1.3 5.2 12.4 Na . 7 4.7 19.5 1.6 . 6 N. Ival 1.0 . 7 VARIABLE CVFM 10.8 ///// 3.7 1 . 7 7.5 100.0 11.3 • 3

GLOGAL CLIMATOLOGY "MANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND CIRECTION VERSUS WIND SPEED USAFETAC FROM HOURLY ORSERVATIONS AT REATHER SERVICEZMAG

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PCP100 OF PECORD: 77-86
MONTH: GEC HOURSTESTI: ALL

			•••••	• • • • • • • •		** * * * * * * * * * * * * * * * * * *	ND SPEED		• • • • • • •	• • • • • • •			• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
	105038621 (1 -7	4 -0	7-10	11-16	17-21		28-33	34-4)	41-47	46-55	GE 56	TCTAL %	N A 3M O N 1 W
•	N 1	. 		1.0	1.5	• 2		·····:::::::::::::::::::::::::::::::::	• • • • • • •	• • • • • • •			3 - 4	11.3
	NNE I		. 5	٩.	1 • 3	• 3	٠,٦						3.0	11.6
	t.i'		• 3	•6	1.0	•0							1.9	11.5
	FAE		. 3	• 2	. 4								• 9	9.9
	L.		. :	•5	. 9	•0							1.9	10.6
ı	r se		• 4	1.8	2.6	, 3			•				5 • 1	11.6
	sr	! !	• 7	1.8	₹•8	. 7	. 3	. 1					7.3	13.0
	2.7 i	! !	. u	1.6	6.9	1.9	1.1	. 3	• 2				12.4	15.5
	د	! !	• r	2.0	7.2	1.5	.9	. 3	• 1				12.4	14.5
	< 5 a		. 4	2.0	3,4	. 8	.4						7.0	13.2
	5 W	{ }	. ¢	1 - 1	3.1	. 7	.1	. 1	• ¬				6.1	12.9
	4 5 W	! !	"	1.4	3 • 2	• 3	•1	• 5					6.0	11.7
	4	! !	• 5	2.5	4.5	. 5	٠,	• :					8.5	11.8
	's NW	1 [• ?	1.3	2.5	• 3	•1						4.9	11.9
	*, ,,	:	• 6	1.2	2.6	• 5	-1						5.2	12.0
	N Isla	1 !	• •	. 5	1.5	• 2							3.7	11.2
	VARIABLE	' • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • •	•••••		••••••	••••••				•••••	• • • • • • • • • • • • • • • • • • • •
	CVF.	1111111	111111111	///////	,,,,,,,	1111111	,,,,,,,,	,,,,,,,	1111111	1111111	///////	,,,,,,,,	11.4	111111
	TOTALS	1 .	. 2.4	25.8	44.4	8.3	3 • 1	1.0	. 3				100.0	11.4

GLOBAL CLIMATCLOGY RPANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESERVATIONS

STATION NUMBER: 27595 " STATION NAME: KAZAN USSR PERIOD OF RECORD: MCNTH: ALL HOURS (LST): ZTONN NI CBBAZ DNIW DIRECTION 1 7-12 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN (BEGREES) | WIND Ł 11.5 2.0 2.6 6.1 • F; • 0 . 7 1.3 1.5 . 2 ٠, NINE 3.7 10.8 • ? ÷Ĺ • 5 1.2 1.2 • 1 • C 3.2 10.3 F 44F 1.0 . 1 ٠, • C 2.6 10.3 . 7 1.6 1.4 . i • 7 10.3 Ł 1.55 • 5 1.6 1.7 . 1 •0 4.1 10.6 58 2.0 2.7 . 4 6.3 11.7 . 1 • C 5.52 3 **.** A • 7 . 3 . 1 7.9 2.2 • 0 12.6 . 9 5 4.6 9.3 2.4 . 3 . 1 • 3 12.6 25. 2.4 • 6 1.6 . 3 • l • 0 • 0 5.1 11.8 . ? Sia 1.4 2.0 . 2 . 1 • 0 • 0 4.6 11.0 N SW . 0 1.5 2.4 • 3 • 1 • 0 5.1 11.4 1.1 2.2 4.0 . 1 7.8 11.6 4 NA 2.5 • 3 5.1 11.5 1.5 2.2 • 1 • (* • 2 4 **.** P 11.5 2.3 • 3 . 1 • 5 5.3 • j 11.1 6.0 VARIABLE • 0 CFLM 15.5 111111 100.0 26.0 30.3 . 3 9.7 . 1

GLOSAL CLIMATPLOGY HEANCH USAFLTAC AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUNLY OBSERVATIONS

TICH NUMBER	: 27595 :								MOGTH:	ALL	D: 17 HOURS(LS	71: AL	
			CETLING	s 265 t0	1433 FE	HTIW TH.	VISIBILT	IES 1/2	MILE UP	мояе			
						RE WITH	VISIBIL TI						
1					w I A	O SPEED	IN KNOTS					• • • • • • • • •	•••••
DIPLOTEST							28-33					TOTAL	NA 3M O V 1W
14		• 6	1.5	1 • 8	. 4	•1			••••			4.6	11+3
tete.		• 5	• 9	1 • 4	. 3	. 7						3 • 1	11.7
NF 1		• *	٠,	1.5	. 1	•1						2.9	11.4
ध्य		. '	1.0	1 • G	• 1	• 3						2 • 3	11.1
		• *	1 • 1	1+5	•2	• 3						3.4	11.2
fise		• *	1.1	1.5	.1	.0	• 3					3.3	11-1
SF [• 1	٠٠	1.5	3 . 7	• 5	• ?	• 5					6.4	12.8
* S1		• 5	1.9	F.2	1.4	• 5	. 2	• 0	• ຄ			9.9	14 • 1
5	• 1.	٠.۵	2 • 3	7.3	1.9	.7	. 1	٥.				13.3	13.7
554	• ~	• 5	1.6	3.2	• 6	• ?	٠ د	•0				6.1	12.7
5.7		4.5	1.3	2.7	• 3	• 1	• 5					5.6	11.7
wsw		• ?	1.2	2.9	• 3	• 1	• :					5 • 3	11.9
		1.1	2.1	4.7	. 4	•1						7.7	11.7
+ NH		• (-	1.7	2.2	• 3	•1						4.7	11.5
49 I		٤٠	1.2	7.0	• 3	•1						9.1	11.6
ha sum (. 2	1.6	1.7	• 2	• 1		• .:				4.4	10.9
VARIARLE	••••••	• • • • • •	• • • • • • • •	•••••	•••••	•••••	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • •
CALT	/////////	//////	,,,,,,,,		1111111	11.11111	,,,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	11111111	13.4	111111
TOTALS I	.:	≎.0	22.8	43.7	7.4	2.4	. 4	.1	• n			100.0	10.7

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CETLING VERSUS VISIBILITY AND THY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIRVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "2" THROUGH EQUAL TO OR GREATER THAN 20,700 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OP GREATER THAN 10 MILES.

DATA DERIVED FOOM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION FRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINED).

NOTES:

BEGINMING IN 1958, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, MIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OF CREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SHALL PERCENTAGE VALUES. FOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE UTSREGARDED.

FOR HETAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS APOVE 500" FEET WERE SUPPESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COUFF SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

CATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINEDI.

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR ALREAY STATIONS, THE CONVERSION FROM THE AIRMAYS DESIGNATIONS TO LITTLE FOR PRESENTATION ARE:

CLEAP	-	2/13
SCATTERED	-	3/10
BPOKEN	•	9/19
OVERCAST	-	10/17
ORSCUREN		1/ /10

-A- -A

GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VEHSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 275957 STATICK NAME: MAZAN USSR

STATION WUMPER:	-									41114	: JAI.		(LST): (0000 - 02	00
CEILING	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••			IN STATE			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••••
IN I GE	GF	(i.e	6.5	вc	٥F	G E	65 65	114 3 1 # 1 C	GE	Gt.	61	GE	G€	GE	GE
FLLT 1 1º	٠.,		U:		2 1/2			1 1/4	1	374	578	1/2	5/16	1/4	0
							_								
NO CEIL 1	17.€	: ".6	17.6	16.6	20.6	20.6	23,9	22.5	22.6	22.0	22.0	22.6	23.3	23.3	23.3
GE 20% JOL	16.6	10.6	13.6	19.6	21.6	21.6	22. U	23.3	23.5	27.0	27.€	23.5	74.3	24+3	24.3
GE 18 001	10.6	18.5	18.6	19.6	21.6	21.6	22.0	23.3	23.5		23.0	23.6	24.3	24.3	24.3
GE :0767	13.6	18.5	18.0	1 0 • €	21.6	21.6	22.0	23.0	23.0	23.0	23.6	23.6	24.3	24.3	24.3
GE 14 (CT)	14.6	18.45	18.5	17.6	21.6	21.6	22∗€	23.0	23 • C	23.0	23.5	23.5	24.3	24.3	24.3
0f 150 c31	1 d. t	19.5	18.5	10.5	21.6	21.6	22.2	23.3	ა3.∗ [2 7 • 7	23.6	23.6	24+3	24.3	24.3
WE 11/1001	29.1	29.1	29.1	22.4	35.1	35.1	37.5	39.5	19.9	47.6	01.2	41.2	42.2	42.2	42.2
UE 9' 2"	79.1	29.1	24.	32.4	35.1	35.1	37.5	39.5	19.9	4 7 5	41.2	41.2	42.2	42.2	42.2
6E 8' 5,11	29.1	0.1	29.1	32.4			37.5	39.5	39.9	4 - 1	41.2	41.2	42.2	42.2	42.2
					35.1	35 • 1 35 • 1	37.5	39.5	39.5	4	91.2	41.2	42.2	42.2	42.2
	25.1	- 9 + 1	19.1	32.4	35.1				19.9	n ^ c					
er er ont	29.1	29.1	29 • 1	32.4	35.1	35.1	37.5	39.5	: 9 • 9		41.2	41.2	42.2	42.2	42.2
of \$1.511	29.7	29.7	29.7	33.1	35.3	35.8	38.2	46.2	47.5	41.2	41.9	41.9	42.9	42.9	4 9
GE 45 JUL	3:.4	50.4	70,4	33.9	36.5	36.5	38.9	43.9	41.2	4 1 . 9	42.6	42.6	43.6	43.6	43.6
58 47 CT	36.4	31 .4	3ù • 4	33.5	36.5	36.5	38.9	40.0	41.2	41.9	42.6	42.5	43.6	43.6	43.6
UE 3: U.I	32.4	30.4	₹ , 4	33.8	36.5	36.5	38.9	42.9	41.2	41.5	42.5	42.6	43.6	43.6	43.6
6E 35001	7.3.4	37.3	32.6	36.1	39.2	39.2	41.9	43.9	44.3	44.3	45.5	45.6	46.6	46.0	46.6
65 25 ZT	74.1	34.1	34 . 1	37.8	41.2	41.2	44.3	46.6	47.0	47.6	45.3	48.3	49.3	49.7	49.3
GE 2.51	37.3	37.2	37.2	41.9	45.3	45.7	48.3	51.0	51.4	57.0	52.7	52.7	53.7	53.7	53.7
JE 1007	77.2	31.2	37.2	41.9	45.3	45.3	48.3	51.5	51.4	., > .	52.7	52.7	c 3 • 7	53.7	53.7
10t 150:1	4:.5	10.5	95.0	45.6	56.00	50.0	53.3	56.4	55 . 8	5.7 . u	58.1	58.1	F9.1	59.1	59.1
GE 17 (11)	43.2	43.5	43.2	47.7	54.7	55.1	58.8	62.5	63.2	67.2	64.5	64.5	65.5	65.5	65.9
1															
GE 1150, I	44.6	44.5	44.5	51.7	57.4	57.8	61.8	65.7	66.6	67.7	67.9	67.3	68.9	64.9	69.3
QE 4: ", 1	45.3	40.3	46.3	53.4	59.1	57.5	63.5	67.6	58.2	6°•≎	(9.6	69.6	70.6	70.6	70.9
41 3.5	4 3. ∟	43.7	46.0	55.4	61.5	61.8	66.6	70.9	71.6	7?•*	73.	73.0	74.0	74.0	74.3
SE 7514	5	30.0	50.5	58.1	64.9	65.5	70.3	74 . /	75.3	76.7	76.7	76.7	77.7	77.7	78.0
6E ()	5.7.	3	53.1	52.5	7 ∵ •6	71.6	76.7	s1. 9	83.4	F-14	F6.1	86.1	87.5	d7.5	97.8
UE 1001	5 3.4	5 1.4	53.4	62.8	71.49	12.0	77.4	03.1	25.1		87.8	37.9	P9.2	89.2	89.5
0E 40.51	54.1	54.1	54.1	63.5	72.0	73.0	78.7	36.5	98.9	, 7	91.6	91.9	93.2	93.2	93.6
55 7021	54.1	54.1	54 • 1						49.5	71.6	71.6	93.6	94.9	94.9	
6E	-			6.5.5	12.C	73.0	79.4	57.5	-				-		95.6
6E 1.21	54.1 54.1) () • . (, 4 • .)	54.1	63.5	72.0	73.0	79.4	69.2	95.9	97.5	24.3	95.3	97.0	97.3	98.3
05. 3.9 T	24.1	59	54.	63.5	72.5	73.9	77.4	88.0	99.5	77.5	, 4.3	95.3	97.D	97.6	99.7
υ ξ . Ι	€ 4.1	54.1	54 • 1	63.5	72.0	73.0	77.4	3 A?	20.9	, , , ,	24.3	95.3	97.3	97.6	100.0
				• • • • • •				• • • • • • •					• • • • • •		

TOTAL TABBER OF OBSERVATIONS: 296

GLOBAL CLIMATOLOGY PRONCH USAFLTAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VILIBILITY FROM HOURLY OBSERVATIONS

ATIO. NUMBER	27595	STATE	ON NAME	: KAZ/	IN USSR						OF FECT		-67 (LST):	0300-05	5 00
	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •							• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••
(L156 (N. 1. 68)	C.F	GŁ	GE	GE	GE	2 E A 1 2 1	. F. I.C. A. T. T.	IN STATE	/!E ₩16! GE	se.	Gf	6 £	GF	GŁ	GE
ET 12		5	¥.		2 1/2		1 1/2		1	7/4	5/5	1/2	5/16	1/4	מנ
	••••													• , ,	
CETE 1	1.9.1	15.1	19	17.4	20.1	20.1	23.4	21.1	21.4	21.7	21.7	22.4	22.4	22.4	22.7
20001	2 1	2 " • 1	25.1	27.4	21.1	21.1	21.4	22.1	22.4	27.7	72.7	23.4	23.4	23.4	23.7
187001	36.1	20.1	20 • 4	2 7 . 4	21.1	21.1	21.4	22.1	22.4	27.7	22.7	23.4	23.4	23.4	23.7
16 50	73.1	27.1	26.1	27.4	21.1	21.1	21.4	42.1	72.4	27.7	22.7	23.4	23.4	23.4	23.7
141351	20.1	22.1	23.1	27.4	21.4	21.4	21.7	22.4	22.7	2 1	23.1	23.7	23.7	23.7	24.1
127001	76.1	27.1	23.1	27.4	21.4	21.4	21.7	22.4	22.7	21.1	23.1	23.7	23.7	23.7	24.1
15.01		٠.,	-3 • 1	2:•4	21.4	21.4	21.1	22.4	22 • 1	21.1	23.1	23.7	23+1	23.1	. 4 • 1
147571	29.1	2 R + 1	29 • 1	37.1	32.1	32.8	35.1	36.8	38 - 1	30.5	₹9 . 5	49.5	47.5	40.5	40.8
37.71	23.1	2 - 1	23.1	37.1	32.1	32.8	35.1	36.3	38.1	39.5	79.5	40.5	40.5	40.5	4 C • 8
80001	7 4 • 1	28.1	28.1	37.1	32.1	32.8	35.1	36 • 8	₹8•1	37.5	39.5	47.5	45.5	40.5	40.8
7 12 1	36.1	28.1	20 . 1	37.1	12.1	32.8	35.1	36 • 3	36 • 1	32.5	39.5	47.5	4.).5	40.5	40.0
67-71	1.85	1 ، ع ے	28.1	37.1	32.1	35.4	35.1	j5.8	30 • 1	37.5	3 - 5	40.5	40.5	40.5	40.8
50001	25.4	28.4	28.4	30.4	32.8	33.4	35.8	37.5	38 . 6	4".1	42.1	41.1	41.1	41.1	41.5
451	25.4	. 6.4	28 • 4	30.4	32.8	33.4	35. ₺	31.5		47	1.00 4	44.1	41.1	41.1	41.5
4 21	79.1	20.1	29.1	31.1	73.4	34.1	35.5	38 • 1	39.5	47.4	40.3	41.8	41.8	41.8	42.1
35 3 11	79.1	29.1	29.1	31.1	33.8	34.4	36.8	38.5	79.5	41.1	41.1	42.1	42.1	42.1	42.5
30431	13.8	3f1.8	30 • 4	33.1	35.8	36.5	38.8	40.5	41.9	43.1	43.1	44.1	44.1	44.1	44.5
25.231	31.3	31.0	31.4	34 • 1	36.0	37.5	37.8	41.5	42.9	44.1	44.5	45.5	45.5	45.5	45.8
27 3.11	33.1	33.1	33.42	36.1	19.1	47.5	42.6	94.5	45.8	47.7	47.5	48.5	46.5	48.5	46.6
19 101	3 3. 4	3 . 4	33.4	37.1	46.5	41.8	44.1	45.8	47.2	48.3	49.2	53.2	53.2	50.2	50.5
15 (.11	70.0	36.0	33.4	4 1 • 5	44.6	46.2	49.5	50.2	52.2	53.9	14.2	55.2	55.2	55.2	55.5
1700	4 C. 5	40.5	43.5	44.9	49.8	51.2	53.5	55.2	57.3	50.0	50.9	60.9	63.9	63.9	61.5
1 6 1	70.3	• • • • • • • • • • • • • • • • • • • •	43.5	4445	77.0	,,,,,	33.3	3312	77.9	J . •	, , , ,	00.7	04.7	63.7	01.0
1000	42.0	4.7 🚅	42.3	47.5	55.5	51.2	59.5	61.2	£3.9	65.6	65.9	56.9	66.7	66.9	67.6
7.11	43.5	47.5	43.5	51.8	56.9	5 ° . 5	61.2	63.2	65.7	67.6	57.9	69.9	63.9	68.9	69.6
F = 31	45.5	45.5	45.5	53.2	59.5	61.2	64.2	66.2	69.2	17.9	71.2	72.2	72.2	12.2	72.9
7 () }	45.5	46.5	46.0	54.8	61.9	6 5	66.6	63.6	71.5	77.2	73.6	74.6	74.6	74.6	75.3
6 0/3 }	49,5	4 a .C.	49.5	59.5	67.2	68.9	71.9	74.6	78.6	81.7	92.3	93.6	93.9	83.9	R4 . 6
5.001	50.8	58	50.3	61.5	5 9 • 2	70.9	74.5	78.3	92.3	05.7	86.3	87.6	Pő.J	88.0	88.6
4 - 1	51.2	51.2	51.2	61.9	76.9	72.6	75.6	61.9	P6 . 3	, , ,	90.3	91.6	92.0	92.0	92.6
, ,	5 4 5	51.5	51.5	62.2	71.2	72.9	76.9	83.3	A7.6		92.3	94.0	04.6	95.0	95.7
2011	5 1.5	51.5	54.5	62.2	71.2	72.9	76.9	8 7 . 3	99.3	92.7	73.7	95.3	96.3	97.0	98.0
: .11	51.5	51.6	54.5	62.2	71.2	72.9	76.9	0 3 • 3	яя.3	, ,	73.3	95.7	97.3	97.7	99.7
il	5.1+5	51.5	51.5	62.2	71.2	72.9	70.4	63.3	AB . 3	97.7	93.3	95.7	97.0	98.C	100.0

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SFRVICEZMAC

PLACENTAGE FREQUENCY OF OCCUPPENCE OF CFILING VEHSUS VICIALLITY FROM HOURLY OBSERVATIONS

ALIE AL ALKER STRVILLYMAL

STAT	TON NUI	MPER:	275950	STATE	ON NAME:	KAZ	AN USSR					PE9100	OF PEC	DRU: 78	-87		
			•			•	134					MORTE	: JA'.	FOURS	(EST): (0660-08	60
			• • • • •	• • • • • • •		• • • • •							• • • • • •	• • • • • •		• • • • • •	
CEIL								_		IN STATE				_			
11		GE	GE.	6.6.	G E	GE.	G.E.	GE	3 <u>e</u>	GE	G.E.	5.	51	5 E	GE	(°F	υ ξ
FFE		r.c	ι	ñ	4		2 1/2		1 1/2		1	1/4	5/8	1/2	5/16	1/4	0
••••		••••	• • • • •	• • • • • • •		• • • • •				• • • • • • • • • • • • • • • • • • • •	• • • • • • •		• • • • • •				•••••
NC C	EIL I		16.4	16.4	10.4	17.1	10.1	19.1	19.1	19.8	20.5	21.2	21.2	21.2	21.5	21.5	21.8
	107 031		17.4	17.4	17.4	13.1	19.1	19.1	20.1	20.4	21.5	23.2	22.2	22.2	22.5	22.5	22.9
	80001		17.4	17.4	17.4	18.1	19.1	19.1	27.1	20.8	21.5	6 7 6 7	22.4	22.2	22.5	22.5	22.9
	60 JJ		17-4	17.4	17.4	18.1	19.1	19.1	20.1	20.8	21.5	27• 1	32.2	22.2	72.5	22.5	22.9
	47 001		17.4	17.4	17.4	14.1	19.1	17.1	20.1	20.3	.71.5	27.0	22.2	52.2	22.5	22.5	22.9
6E 1	Jount .		: 7.4	17.4	17.4	13.1	19.1	19.1	20.1	20.0	71.5	27.2	22 + 2	55.5	72.5	22.5	22.9
E 1	ar ua E		25.9	25.9	25.9	23.3	3 n.s	37.4	32.1	33.8	75.2	36.0	50.7	36.9	77.5	37.5	37.9
	9-5-1		25.4	25.7	25.9	24.3	3 ∵ • 0	35.4	32.1	33.8	75.2	36.5	36.9	36.7	77.5	37.5	77.9
	ชา มม		25.9	25.5	25.9	24.3	30.0	37.4	32.1	33.8	75.2	36.9	36.9	36.9	37.5	37.5	37.9
	70.001		25.9	25.9	25.9	28.1	30.0	30.4	32.1	33.8	35 • 2	34.0	36.9	36.9	77.5	17.5	37.9
	6:371		25.5	, c	25.9	29.3	30.0	30.4	32.1	33.9	35 • 2	36.3	76.9	36.2	37.5	37.5	37.9
	,							•	- 2 • •	500,							
65	57671		25.4	25.0	35.9	23.3	3 (.0	30.4	32.1	33.8	35 • 2	39.0	36.9	35.9	37.5	37.5	37.9
1.E	45 27		23.4	25	25.3	28.3	36.0	33.4	32.1	33.8	35.2	35.7	16.9	36.9	*7.5	37.5	37.9
	47374		26.€	26.6	26.5	29.0	3 ℃ • 7	31.1	32.2	34.5	35 • 8	37.5	37.5	37.5	33.2	38 • 2	36.6
üΕ	35 ; 1		27.	2	27.3	29.4	21.4	31.7	33.4	35.2	36 • 5	30.7	38.2	38 . 2	73.9	3 9 . 9	39.2
₽E	30 40 1		27.3	27.3	27 . 3	29.7	32.1	32.4	34.5	36.2	37.5	17 • 7	10.5	39.2	79.9	39.9	46.3
, ξ	a uni		• 5.0	30 • J	30.0	32.4	34.8	35.2	37.2	38.9	43.3	47.	42.3	42.3	42.7	42.7	43.0
65	2001		. 4	371.4	73.	32.8	35.2	35.5	77.5	39.7	41.5	43.2	43.3	43.7	44.3	44.0	44.4
	10 . 1		21.7	51.7	31.7	74 . 1	36.5	36.9	38.9	41.3	43.3	45.1	45.1	45.1	45.7	45.7	46.1
	151		34.5	34.5	34 . 5	36.0	37.9	47.3	42.3	44.7	46.3	40 0	48.5	43.5	49.1	49.1	49.5
GE.	13331		41.6	4.1 +0	41.6	45.4	49.5	50.2	52.2	54.6	57.0	51.7	58.7	58.7	c 9 . 4	5.9.4	59.7
	1 001										>						
	2 21		4 5 4	9.5 .4	45.4	50.2	54.9	56.0	59.7	61.3	64.2	55.9	55.9	65.7	66.6	66.6	66.9
r. t			47.1	47.4	47.4	57.0	57.3	5 P . 4	61.1	64.2	66.6	t 4 • *	68.3	63.3	68.7	63.9	69.3
1.5	5 167		47.5	4 7 . 9	47.8	51.2	9 = 4	50.4	62.1	55.5	68.7	10.3	70.3	10.0	70.6	70.6	71.0
ų į.	7 - 1	•	4 = 1	45.1	48 • 1	53.9	59.4	67.4	63.5	07.2	76.0	11.7	71.7	71.7	72.4	72.4	72.7
ĿĘ	n 11		2.2	52.2	52 • €	60.1	56.2	67.2	71.7	77.1	00.2	+1.5	-1.9	81.9	°2.6	82.9	63.6
.,,¢	1.0		5.2.3	32.0	52.4	61.1	57.	68.3	73. ∪	12.2	32.21	64.6	34.6	84.6	£5.3	65.7	86.3
i, E	n 1		53.6	53.6	53.5	67.1	51.3	62.3	74.7	52.3	P5.3	7.7	98.1	89.4	69.4	89.8	90.8
(),	121		53.9	, , , c	53.9	62.5	6 E . t	69.6	75.6	84.	27.7	9 . 4	91.5	91.8	92.8	93.2	94.5
しと	2.51		5 3. 5	7.00	53.9	67.5	54.9	70.0	76. i	85.5	90.1	37.3	93.9	94.2	96	96.9	98.6
SE	: .:1		5 3. 9	53.9	53.,	67.5	6 t • 9	70.0	76.1	a5.3	90.1	#2.0	93.9	94.5	97.3	97.6	100.0
υE	11		1 2. 9	5 *	53.)	62.5	66.9	70.3	76.1	a 5 . S	93.1	77.0	93.9	94.5	97.3	97.6	100.0

BLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

-					Ch NAME:		•					MONTH	: JAN		(LST): (
		• • • • • •	• • • • • •		• • • • • • •		•••••		BILITY					• • • • • • •		• • • • • • •	
FE:	i 1 61 1	7E 17	id L	CE,		GE 3		G E	65 1 1/2	GE 1 1/4	S E 1	274 274	01 5/8	5E 1/2	GE 6/16	GE 1/4	GE O
140	CEIL I		15. *	15.	15.7	16.7	16.7	17.0	17.0	18.1	19.3	19.5	20.0	23.7	22.1	21.1	21.1
նչ	200001		19.2	19.3	14.3	20.0	20.4	29.7	2 3. 7	21.9	23.0	20.0	23.7	23.7	24.6	25.2	25.2
ьĒ	190024		19.1	19.5	19.3	20.6	26.4	20.7	23.7	21.9	23.0	21.5	23,7	23.7	24.8	25.2	25.2
ίí	16.001		19.3	10.3	17.3	20.0	26.4	23.7	23.7	21.9	23.0	2 ** 7	23.7	23.7	74.8	25.2	25+2
ÜΕ	147 834		19.3		19.3	20.0	20.4	20.7	27.7	.1.9	23.0	27.0	23.7	23.7	24.3	25.2	25.2
üξ	12%01		19.3	1 7 • 7	19.3	27.€	20.4	20.7	2 J • 7	۰1.9	23.0	27.0	23.7	23.7	24.9	25.2	25.2
ı, F	15501	. 4	30.4	30.4	35.4	72.2	34.8	35.6	35.5	40.0	42.2	4.7.	43.0	43.0	45.2	45.6	45.6
(F	5	. 4	36.4	30.4	17.4	32.2	34.8	35.6	35.9	40.0	42.2	42.	43.0	43.7	45.2	45.6	45.6
6.5	9 001	. 4	7 7.4	35.4	73.4	32.2	34.8	35.6	35.9	45 • C	42.2	47.7	43.0	43.0	45.2	45.6	45.6
G.L	7: 231	. 4	3 4	3	33.4	32.2	34.8	35 • 6	35.4	40.0	42.2	4 2 2	43 m	43.7	45.2	45.6	45.6
0.5	62211	. 4	37.7	30.7	50.7	32.6	35.2	35.9	36.3	46.4	42.6	47.6	42.3	43.3	45.0	45.9	45.9
u£	57021	. 4	37.7	3 C • 7	32.7	32.6	35.6	36.3	36.7	43.7	43.0	47.4	43.7	43.7	45.9	46.3	46.3
υt. UE	45	. 4	7 7 7 ,	37.7	33 • T	32.6	35.6	36.3	36.7	47.7	43.0	4	43.7	43.7	45.7	46.3	46.3
ii E	4737	. 4	7 å a	12.2	32.7	34.1	37.0	37.8	38.5	42.6	44.8	44.3	45.6	45.6	47.8	49.1	48.1
65	31.004	4	32.2	32.2	32 . 2	34.1	37.3	37.8	38.5	42.6	44.5	44.5	45.6	45.6	47.6	49.1	48.1
υĒ	3001	4	33.3	33.3	33.3	35.2	36.1	38.9	40.3	44.1	46.7	46.7	47.4	47.4	49.6	50.0	50.0
170	J. U	• •	J 20 3	3.43	23.5	37,12	26.1	20.00	10.3	44.1	-0.	4.7.	47.4	71.47	47.0	30.1	,0.0
υE	25	. 4	33.7	37.7	23.7	35.6	2 € • 9	39.6	4 3. 7	44.A	47.4	41.4	48.1	43.1	50.4	57.7	50.7
5.5	20 9 11	. 4	10.3	36.3	76.3	39.5	41.9	42.6	43.7	47.8	50.4	57.4	51.1	51.1	c 3 • 3	53.7	53.7
ء ,	14001	. 4	76.7	36.7	35.7	39.9	42.2	43.0	44.1	48 . 1	50.7	50.7	51.5	51.5	r 3 • 7	54.1	54.1
1,5	25.001	. 4	18.5	35.5	3a.5	41.1	44.8	45.6	46.7	53.7	53.3	5 7 . 2	54.1	54.1	66.3	56.7	56.7
, f.	17 34	. 4	41.5	+1.	41.5	45.9	80.0	50.7	52.2	57.0	69.6	23.6	50.4	67.4	63.0	63.3	63.3
υE	1151	. 4	43.3	u 5 . 3	43.3	49.1	52.6	53.7	55.6	63.7	63.7	54.1	54.4	64.8	57.4	67.8	67.8
غي.	6	. 4	44.4	44.4	44.4	49.3	54.1	55.2	57. u	62.2	65.2	65.4	66.3	65.3	68.9	69.3	69.3
1,0	9 . 11	. 4	46.3	46.	46.3	51.9	57.4	59.5	63.4	65.6	68.5	50.7	67.6	69.6	72.2	72.5	72.6
(4)	7.231	. 4	4 3 . 1	40.	48.1	53.7	59.6	62.7	62.€	69.1	71.1	71.5	72.2	72.2	74.9	75.2	75 • 2
υĹ	9001	. 4	30.7	57.7	53.7	57.0	54.1	65.2	67.5	74.3	78 - 1	72.7	20.0	87.7	63.0	03.3	83.7
£.€	5.4	. 4	51.5	51.5	51.5	58.1	5 - 2	56.3	69.3	77.4	°0.7	51.3	93.3	33.0	95.7	66.3	86.7
L.F	4) : j	. 4	51.9	51.7	51.9	57.3	66.3	67.4	7.3.4	80.1	94.4		97.4	97.4	90.7	91.1	91.9
445	7 57 1	. 4			2.2	59.6	57.3	58 • 1	71.1	82.2	6.7	5 2 1	90.0	97.7	94.8	95.2	95.9
ιE		. 4	- 2 - 2	52.2	62.2	57.4	57.5	68.1	71.5	82.6	66.7	90.0	71.5	92.6	27.0	97.4	98.9
υŁ	: 231	. 4	1.2.2	52.	56.0	57.6	67.C	68 • 1	71.5	82.6	°6.7	99.0	21.9	93.3	27.4	97.8	99.6
Ú.S.	1	. 4	5 2• €	37.3	52.2	57.6	67.0	50.1	71.5	±2.6	96.7	યુવ • ળ	71.9	93.7	97.4	97.8	100.0

TOTAL NUMBER OF OF BRYATTERS: "77"

GLEGAL CLIMATOLOGY PRINCH USAFETAC AIR REATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING VEYSHE VILIBILITY FROM FOURLY OBSERVATIONS

511	FION NO	JVELR:	27500	51411	CA NAME:	KAZA	N USER					PLPION	OF FEC.	DD0: 76	-87		
							-					HINCH	: JA'.	HOURS	(LS1):	1230-14	CC
														• • • • • • •		• • • • • •	
	LING									IN STATU							_
I		0E	Uf	۲, ۱,	υĒ	σ¢,		GŁ	55	Ú E	GE.	í	61	∵.E	غز. د د د	GE	GE
		17	59	5	4		5 1/2			1 1/4	1	1/4	5/0	1/2	1/16	1/4	0
		• • • • • •		<i>.</i>		• • • • •	• • • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • •		• • • • • •	· • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
"'	cere 1	• *	30.0	21.5	21.0	23,2	24.6	24.6	25.3	27.5	2a.≎	¿ a . ?	39.5	23.3	29.3	29.0	29.0
(r	222.21	. 7	24.2	24.0	24.9	26.5	28.3	28.3	29.0	31.1	77.1	37.1	22.1	32.4	73.1	31.1	23.1
υÉ.	180001	. *	:4.	4 . 0	24 . 9	25.6	28.3	28.3	29.3	31.1	?2·1	37.1	32.1	32 • 9	33.1	33.1	33.1
₽€	10"221	. 3	74.	24.0	24.9	26.6	28.3	20.3	29.	31.1	32 - 1	3 1 . 1	12.1	32.4	73.1	37.1	33.1
G.E.	14 -11	. 7	2402	24.4	24.9	26.6	2	28.3	29.0	51.1	72.1	37.1	32.1	32.4	33.1	33.1	33.1
ıξ	12/02/	• 3	24.2	24.7	34 • ₹	26.6	2€.3	28.3	29.0	31.1	22 • 1	3 :	32.1	32.4	75.1	33.1	33.1
4,6	100001	. 7	35.5	36.2	30 + 2	39.7	44.7	44.7	45.7	50.9	92.6	92.0	52.9	53.2	-4.3	54.3	54.0
.L	3	,	1 5	35.2	36 • 2	39.7	44.7	44.7	45.7	59	52.€	- 3	52.9	53.2	54.3	54.3	c 4 • 6
115	ألحاة	. 7	35.5	36.2	.,	39.9	44.7	44.7	45.7	56.9	52.6	50.0	52.9	53.2	c4.3	54.3	54.6
ωE	700.1	. 7	35.5	34.2	30.2	39.7	44.7	44.7	45.7	50.9	52.6	5.2.9	52.9	53.2	£4.3	54.3	54.6
äξ	60001	• 7	35.7	36.5	36 + 5	47.3	45.1	45.1	45.1	51.2	€5.6	53.7	53.2	53.6	F4.6	54.6	54.9
GE	5701	• 7	75.0	36.5	35+5	47.3	45.1	45.1	46.1	51.2	£2.9	52.5	53.0	53.6	54.6	54.6	54.9
G £	45.071	. 7	36.2	36.4	30 . 7	40.6	45.4	45.4	46.4	51.5	53.2	500	5.3.6	53.9	4.9	54.9	r 5 . 3
19E	4 .7 E	. 7	16.9	5	37.5	41.3	46.4	46.4	47.4	52.6	54 . 3	54.	54.5	54.7	6.0	56.0	56.3
i, F	35-1	. 7	26.9	57.5	37.5	41.3	46.4	46.4	47.4	52.6	54.3	54.6	54.6	54.9	56.0	56.0	56.3
ti E	R F1	• -	23.2	30.0	39.2	43.7	48.1	49.1	49.1	54.3	56 • 7	59.3	56.3	55.7	4,7.7	57.7	58.D
6.5	25 71	. 7	79.	40.3	45.3	44.4	45.8	49.6	50.9	56.3	53.0	50.4	55.4	59.7	59.7	59.7	56.1
1,15	21.311	. 7	40.6	41.5	41.0	45.7	r. 1 • 5	51.5	52.6	58.0	19.7	62.1	60.1	67.9	€1.8	51.8	62.1
ωE	1-0.1	. 7	4 :	41.6	41.0	45.7	51.5	51.5	52.9	54.4	62.1	67.4	60.4	61.1	62.1	62.1	A2.5
, 1_	15731	. 7	4.2.3	4.7	42.5	47.4	54.3	54.3	56.0	61.	63.5	1, 1	53.0	64.5	65.5	65.5	65.9
€. 5	1761	• 1	45+1	47.1	47.1	51.7	56.7	58.7	60.4	66.6	56.3	€4.6	68.0	69.3	70.3	70 • 3	70.6
4.1	1 11	. 7	47.4	40.0	45.5	53.9	61.1	61.4	63.1	67.6	71.3	71.7	71.7	72.4	73.7	73.7	74.1
'nξ	501	. 7	41.5	14.52	49.3	54.9	6	62.0	64.5	71.3	73.9	77.4	73.4	74 . 1	75.4	75.4	75.8
. F	57.31	. 1	4.4.3	2.2	51.2	56.7	54.5	64 .P	66.5	74.4	76 1	75.5	76.9	77.5	74.8	78.8	79.2
tit.	7071	. 7	5	7: 6	51.0	57.7	65.5	65.9	67.9	76.1	77.5	70.	78.5	77.5	00.9	60.9	81.2
C.C	€ 111	• *	52.9	26.45	54 + ७	1.13	65.0	70.0	72.7	01.9	84.7	45.	45.7	36.3	99.1	88.1	98.4
L.T	F. 1		52.9	54.4	54.5	61.1	7-3	70.6	73.4	04.	26.3	27.4	35.1	88.7	93.4	95.4	90.8
ŗ	4	. 7	42.4	54.6	54.5	61.1	71.0	71.3	74.4	84.3	07.7	50.7	ာပ.1	91.1	92.8	92.8	93.2
U.	7.01	. 7	5 2.2	1,4 ,4	54.9	61.4	71.3	71.7	74.7	56	99.7	90.1	92.2	93.5	25.9	95.9	97.3
11L	7.01		5.3.	54.0	54	61.4	71.3	71.7	75.4	87.	69 H	91.1	93.2	94.5	97.3	97.6	99.0
LE	1.01	. 7	5 1.2	54.5	F4 • 7	01.4	71.3	71 • 7	7 > 4	87.2	39.8	91.1	73.2	94.5	97.6	99.0	99.3
GE	t	••	93.2	5 h + 7	54.7	01.9	71.3	71.7	75.4	87•^	F 9 . H	51.1	93.2	94.5	27.6	98.0	106.0

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZHAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUTLY OBSERVATIONS

514	IIOI NU	MBER:	27595	STATE	SE NAME :	KAZA	N USSR					PER100	OF RECU	180: T8	-87		
					-							MONTH	AAL :	FOURS	(LST): ;	1500-17	CC
	 LING	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••			IN STATE				• • • • • •	• • • • • • •	• • • • • •	
1	N	SL	GE	Gę	6 F	GE	LF	GE	G.F.	GE	GE	"E	61	GŁ	SΕ	GE	GΕ
FŁ		1.7	υ	t_{χ}	4		2 1/2		1 1/2		1	7/4	5/2	1/2	5/16	1/4	0
• • •			• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
NO	CEILI	• 7	22.2	22.5	22.9	23.9	25.9	25.9	26.3	27.6	27.5	27.9	27.3	28.3	28.3	28.3	28.3
:3	geneal	. 7	24.9	25.6	75.6	26.9	33	30.3	33.6	32.0	32.3	37.7	32.3	32.7	32.7	32.7	32.7
	18 . 1	. 7	24.9	25.6	25 • 5	26.9	3 (• 3	30.3	37.6	32.0	32.3	37.3	12.3	32.7	32.7	32.7	32.7
	161 301	. ,	24.9	25.6	25.6	26.9	30.3	30.3	30.6	32.C	72.3	37.3	12.3	32.7	32.7	32.7	32.7
	19-51	. 7	24.9	25.0	25.5	26.9	3 3	30.3	30.6	32.5	12.3	j^.,	32 • 3	32.7	72.7	32.7	32.7
	130001	. 7	24.9	25.6	25.6	26.9	30.3	30 - 3	30.6	32.5	12.3	37.7	72.3	32.7	32 - 7	32.7	32.7
e E	167001	. 7	37.4	3	39 • ⊃	41.4	47.8	47.8	49.2	51.9	¢ 3 • 2	55	53.5	54.2	54.2	54.2	54.5
(E	91001	. 7	37.4	38.0	70 · 3	41.4	47.8	47.8	49.2	51.9	53.2	57.5	53.5	54.2	54.2	54.2	54.5
υE	8 1711	• 7	37.4	38	38 . 4	41.4	47.8	47.8	49.2	51.7	53.2	5.5 • 5	53.5	54.2	°4.2	54.2	54+5
υE	77 U. 1	• 7	₹ 7.4	38.	38 • J	41.4	47.8	47.8	44.2	51.9	¢ 3 • 2	5 1.5	53.5	54.2	5+•2	54.2	54.5
ьE	60 00 [• 7	37.4	38.0	38 - 3	41.4	47.8	47.8	49.2	51.9	• 3 • 2	۶٠.۴	53.5	54.2	54.2	54.2	64.5
LΕ	5.001	. 7	37.4	28.3	34.0	41.4	47.8	47.8	49.2	51.9	53.2	57.5	53.5	54.2	54.2	54.2	54.5
CF	45071	. 7	37.7	39.4	3a ⋅ 4	41.8	48.1	49.1	49.5	52.2	53.5	5 ? • 2	53.4	54.5	r4.5	54.5	54.9
'nξ	475CT	. 7	37.7	38.4	38.4	41.8	45.1	48.1	49.5	52.2	53.5	57.1	63.9	54.5	54.5	54.5	54.9
υE	3 ' 1 ' 1	• 7	37.7	39.4	3⊦ • 4	41.8	40.1	49.1	49.5	52.2	53.5	5	53.9	54.5	54.5	54.5	54.9
БF	27421	. 7	38.0	38.7	38 • 7	42.4	46.6	48.8	50.2	52.9	54.2	54.5	54.5	55.2	55.2	55.2	55.6
(, F	26.01	• 7	78.7	4 : . :	47.1	43.0	56.6	50.8	52.2	54.9	56.2	5000	50.6	57.2	57.2	57.2	57.6
Ú.F	20 shi	. 7	4 2. 7	42.4	42.4	45.1	53.5	53.5	54.9	57.6	rg.9	59.7	59.3	59.9	60.3	60.3	6C.6
5.4	18 2 11	. 7	91.4	4 3 . 1	43.1	45.8	54.5	54.5	55.9	58.6	c9.9	57.1	50.3	60.9	61.3	61.3	61.6
GF.	ir a i	, 7	0.202	45.1	45.1	47.2	5.7.2	57.2	59.3	62.2	43.3	5 . /	63.6	64.3	64.6	64.6	65.3
30	1000	. 7	46.0	48.5	48.3	53.2	61.6	61.6	64.0	67.3	f 8 . 7	υ?•	59.7	69.7	70.0	13.0	70.4
SE	1000	. 7	49.2	51	51.3	Ç5 . a	65.3	65.3	67.7	71.4	73 • 1	77.7	73.7	74.4	74.7	74.7	75.1
4	9 7	. 7	49.5	51.5	51.5	54.2	55.7	65.7	68.4	72.7	74.4	75.1	75.1	76.1	76.4	75.4	76.8
54	a . *	. 7	51.5	53.5	53.5	54.2	65.7	69.7	71.7	16.4	7R . 1	75.0	78.0	79.8	a 3 . 1	80.1	PO.5
i.E	7., 11	. 7	9	54.0	54.2	66.3	69.4	69.4	72.4	77.8	79.8	47.5	#J.5	91.5	21.8	8.15	82.2
eř	€.1	. 7	5 2 · 4	54.2	54.2	59.3	76 = 4	73.4	74.7	82.2	P4.5	gr., c,	65.5	86.9	97.2	87.2	87 . 5
£.	4501	. 7	52.2	54.2	54.2	57, 5	75.4	70.4	75.4	83.9	P5 . 3	87.0	97.5	89.9	89.6	89.6	89.9
(E	4 3 1 }	. 7	92.9	54.9	54.9	55.9	11.6	71.5	76.8	b 5 . 5	07.4	3€	იე•6	92.3	22.9	92.9	93.3
GE	36.1	• 7	52.9	54.9	54.7	57.9	71.7	71.7	77.8	67.5	£9.9	91.5	72.5	94.3	05.6	95.6	96.5
₽E	2.71	. 7	5.2.9	34.7	54.29	52.9	71.7	71.7	78.1	67.9	90.9	17.€	13.9	96.7	93.5	98.0	98.7
υĽ	11	. 7	52.9	54.9	54 • 9	63.9	7:.7	71.7	78.1	57.7	9.00	47.6	93.9	96.7	98.3	98.3	99.0
٩٤	24	. 7	52.9	54.9	54.7	50.9	71.7	71.7	78.1	87.9	93.9	92.6	93.9	96.0	28.3	98.3	100.0

GEORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VEHSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 27575" STATION NAME: KAZAR USSR

PERIOD OF FECORD: 78-67 MONTH: JAN HOURS (LST): 1800-2000 EILING VISIRILITY IN STATUTE MILES CEILING CETEING - IN | GE - FEET | ID GF GE GE GF 4 3 2 1/2 GE GF f. F 5/8 1/2 5/16 1/4 0 Ł 24.1 24.7 79.4 30.1 37.1 33.1 30.1 57.4 37.4 37.4 37.4 37.4 GF 200001 24.4 24.4 24.4 26.8 27.1 28.8 31.A 32.1 72.0 32 . 9 12 · 8 12 · 8 6E 187531 6E 147531 6E 147531 24.4 24.4 24.4 32 · 1 32.8 72.8 32.8 12.8 32.8 24.4 25.6 26.6 27.1 28.8 31.3 32.4 32.8 72.8 27.1 28.3 24.4 25.6 25.9 25.8 31.4 3.85 28.8 32.4 32 • 8 32.8 24.4 24.4 25.8 . 6 . 8 31.8 2.5 32.9 72.8 72.8 65 100 33 | 65 9 43 | 65 87 33 | 65 7243 | 50.2 50.2 75.5 ? · . 8 47.5 48.2 47.2 47.5 49.4 50.2 35.3 35.8 40.5 40.9 43.5 50.2 47.8 48.2 45.5 49.9 35.0 38.8 43.5 47.5 50.2 35.€ 35.4 4 L.5 47. 49.5 49.5 49.5 35.5 38.6 43.5 40.8 43.5 47.5 50.2 50.2 3 5 e 8 35.5 43.2 47.9 5.J.2 5 C . 2 48.2 47.8 35.8 50.2 50.2 3200 47.5 50.5 50.5 52.2 39.1 76.1 41.1 43.8 47.8 49.5 47.5 47.5 53.2 50.5 50.5 76.1 49.5 31.7 51.5 57.6 49.5 50.5 50.5 GE 45.31 47.331 36.1 36.1 37.0 30 · 1 37.1 45.8 42.5 41.1 42.8 43.8 45.5 47.8 47.8 53.2 52.5 50.5 52.2 47.5 51.5 51.3 hi 3 % . 1 3 % . 4 35.1 42.8 51.8 1.5 29.1 41.1 43.1 45.5 47.8 52.5 36 .5 46.8 53.5 υĠ 33.5 41.4 57.8 25 Jul 27 Jul 18 Jul 15 Jul 17 2 11 57.2 65 41.5 41.4 41.3 44.8 46.5 50.5 54.5 55.2 55.7 56.5 56.9 57.2 57.2 47.2 44.5 50.5 °9.9 57.9 94.5 44.2 49.8 55.2 60.2 60.5 61.2 61.2 61.2 i L U L 44.5 54,2 67.6 47.2 53.6 55.5 55.2 61.5 62.5 67.6 45.5 45.5 61.9 62.5 4 - 5 56.2 00.2 GC 5 ... 5 5).8 70.2 71.2 73.2 73.6 74.2 53.5 52.5 50.9 75.0 77.6 77.6 11 35 | 52.5 62.2 73.6 76.9 77.6 ÷Ε 63.2 68.2 74.6 16.6 9 J. | 9 J. | 53.5 51.d 54.8 56.5 67.2 63.9 69.9 75.5 77.5 79.9 79.6 53.5 64.9 76 . € 78.6 79.6 79.6 UŁ GE 54. : 54.5 61.5 65.6 66 .6 71.6 77.6 78.6 77.9 80.6 9.C8 P1.6 81.6 91.6 7. 1 P1.6 42.9 83.9 6E 50.5 63.9 67.9 69.9 73.9 77.3 83.€ 03.6 24.6 84.6 24.6 57.5 86.2 57.5 57.3 75.2 71.2 ... 40.6 27.3 91.3 93.5 423} 7031 7031 57.7 57.9 57.9 66.2 66.2 GΕ 57.9 57.9 57.9 76.9 71.9 78.9 88.6 \$9.3 93.3 42.6 94.3 94.6 96.7 95.3 96.7 95.3 94. 71.6 71.6 72.6 72.6 91.3 96.3 77.6 07.6 95.3 95.3 99.3 5. 7. 4 57.7 77.6 97.0 98.3 99.3 99.7 57.9 29.3 100.0 'nΕ 66.0 71.6 72.6 79.6 49.6 02. 97.0 99.0 91 79.6 83.6 92.0 97.0 98.0 99.3 99.3 100.0 υE 57.9 57.9 51.9 66.2 71.6 72.6 25.3

GLOSAE CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 275967 STATION NAME: KAZAN USSR

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VICIBILITY FROM HOURLY OBSERVATIONS

PEDICU OF RECUPD: 78-67

MONTH: JAN FOURS(EST): 2100-2300 VISIBILITY IN STATUTE MILES CEILING GE GF GE 4 3 2 1/2 Gł Ŀ E 96 IN | GL GE GE GE GE 2 1 1/2 1 1/4 5/16 5/3 1/2 1/4 0 25.7 NO CETE I . 3 21.3 21... 25.7 77.7 20.0 29.3 29.3 GE 200601 . 3 22.3 22.3 22.3 24.0 25.7 26.3 27.7 29.3 29.3 29.3 GE 16 001 GE 16 001 GE 140001 GE 170001 24.0 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 25.7 27.7 27.7 29.3 29.3 29.3 29.3 29.3 29.3 25.7 26.3 29.3 25.7 25.7 25 • 7 25 • 7 26.3 29.3 26.3 22.3 25.7 25.7 26.3 27.7 27.7 79.7 29.3 27.3 29.3 29.3 12.3 12.3 12.3 12.3 32.3 32.3 . ? 44. us ittoubl 47. 3 45.5 46.7 46.3 46.0 12.3 32.3 35.0 56.3 38.7 44.4 46.3 46.C 46.7 90 001 80 001 70 001 60 001 44.0 46.3 46.3 32.3 32.3 35 • U 43.3 46.3 46.0 GE 32.3 16.3 38.7 40.3 46.0 36.3 36.3 38.7 38.7 44.0 44.0 35.0 35.0 43.3 42.3 46.0 45.0 46.0 46.0 GE. 32.3 46.0 46.0 CF 32 . 3 46.3 46.0 46.0 46.0 40.3 43.3 46.0 46.0 46.0 32 • 3 50 cm | 45 cm | 45 cm | 36 cm | 76 cm | 4 7, 7 47.3 47.3 47.3 47.3 47.3 33.3 33.3 40.0 IJΕ 33.3 36.0 34.7 35.7 35.7 34.7 41 · 3 42 · 7 42 · 7 46.0 47.7 47.7 49,7 50,7 50,7 50,7 34 · 1 35 · 1 43.C 44.3 37.3 41.0 46.7 48.7 48.7 44.7 48.7 48.7 50.3 53.3 52.0 ru.3 ل <u>و</u> (, و 38.7 42.3 48.3 48.3 50.3 53.3 50.3 35 • 7 39.7 44.3 50.3 50.3 52.0 49.3 0.0 ſιĘ 37.3 37. 77.3 47.3 44.0 44.3 46.0 52.0 52.0 21 001 21 001 15 001 15 001 12 011 • 3 42.0 43.3 45.3 5 7 . 7 5 7 . 3 5 7 . 3 3 d • 7 3 9 • 7 30.7 38 • 7 29 • 7 63.7 53.7 c 3. 7 53.7 53.7 68 45.7 45.5 47.3 47.7 51.0 51.7 49.0 51.0 55.3 57.7 62.0 55.3 57.7 29.7 47.j 53.3 55.3 55.3 ⇒ 2 • 3 5 4 • 7 -t₁€ 41.3 49.0 53.0 57.7 62.0 57.7 61 41.5 49.3 57.7 53.3 44.0 44.3 43.7 55. L 62.0 υE 4 7. 7 47.7 61.3 66 . L 70.0 7a.ă • 3 67.3 77.0 77.0 54.7 51.7 5..7 76.7 77.0 58.7 64.0 72.7 9 LC 1 52.0 53.0 54.1 55.0 75.2 77.7 77.7 80.3 82.3 88.0 I.F 52 •) 57 • (52.u 59.0 63.7 65.0 67.0 65.3 68.3 73.7 75.7 77.3 39.6 77.7 77.7 78.3 03.3 60.3 80.7 7 . 1 63.3 69.5 71.7 51.7 57.2 82.C 46.3 72.6 77.7 79.7 22.3 82.3 GE 55 . 3 71.0 74.7 82.0

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GLOBAL CLIMATOLOGY EPANCH USAFETAC AIR WEATHER SERVICE/M+C

PERCENTAGE FREQUENCY OF CCCURPENCE OF CFILING VIRSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 27595. STATION NAME: KAZAN USSR F_0100 OF +ECOPD: 78-87 MONTH: JAN FOURS(LST): ALL VISIBILITY IN STATUTE MILE CERLING IN 1 FFET L GE ſĹ GE 4 GE GF 3 2 1/2 GE GE GE 2 1 1/4 GE 116. GE 1/16 1/? 1 6/8 1/4 О 22.0 23.9 NO CEIL I 15.7 21.9 22.6 27.2 22.7 22.7 22.7 22.7 26.3 26.3 26.3 .2 24.9 21.4 21.6 21.0 24.2 24.3 26.8 27.5 27.9 28 . D 28.D 24.2 GE 180001 GE 160031 21.4 24.3 24.9 26.8 27.4 27.6 27.9 28.D 28.D 11.6 21.6 28.0 28.0 21.6 25.0 76 • H 24.0 υĘ 21.6 25.4 28.0 28.1 24.2 24.3 27.6 28.0 28.0 36.1 10000 10009 10008 10007 32.0 32.3 32. 45.1 45.1 45.1 43.0 43.0 43.0 43.0 46.3 71." 51.5 34.9 35.0 3 A . 3 44.2 45.3 45.6 46.3 34.8 34.8 34.8 6.5 32.J 32.J 44.2 45.3 3 e • 0 7 5 • 0 38.3 45.6 46.3 46.5 39.3 43.0 45.3 45.6 υE 40.6 $a \leq *1$ 31.4 38.0 45.6 45.7 22.3 4 3. 0 44.2 46.3 46.3 46.5 46.4 50001 45001 40001 32 • 4 32 • 7 33 • 5 43.5 43.5 44.7 45.8 47.0 32.4 35.5 46.8 22.6 33.3 37.7 37.5 33.6 34.8 39.1 40.0 40.1 . 3 35.5 35.3 38.8 39.7 40.8 41.7 43.8 44.8 46.2 46.5 47.2 48.1 G.F 45.0 41.0 47.1 47.3 45.9 47.1 49.7 48.1 48.3 G! 46.0 47.3 35001 7 2 . 4 33.6 36.4 32.8 41.9 45.0 46.5 48.3 43.5 58 34.6 34 . 3 37.0 4 : . . 41.5 48.7 50.1 36.3 39.4 36. 4 43.5 45.5 49.9 51.5 51.3 52.2 υE 36.3 4 3 . 1 48.6 52.2 57.0 20001 1001 1301 1301 37.5 38.0 38.9 38.2 45.5 53.5 c.4.8 41.6 5 . 4 54.8 UE 51.2 52.2 53.7 54.1 55.U 42.4 40.4 55.0 46 . 8 44. 4 54.4 54.4 54.8 55.2 59.3 55.9 55.9 56.1 45.3 50.4 52.7 56.2 41.1 41.5 69.9 60.0 41.5 6C.2 64.2 6.f 50.2 56.0 67.1 53.4 67.2 68.9 71.6 59.€ 70.7 73.€ 71.6 73.4 150001 47.2 47.6 47.6 5 9 . 2 59.0 62.8 77.1 70.4 79.8 71.7 72.0 9 07.1 9 07.1 7 07.1 7...7 . 3 45.2 48.6 54.6 60.6 62.9 61.4 72.1 75.1 72.6 73.4 6 F 48.6 64.3 73.7 75.5 77.9 49.5 57.1 56.4 76.3 76.4 76.7 7 7 . 1 50.3 52.3 75.9 77.5 78.7 86.5 T, E 51.2 57.9 64.7 65.5 68.8 73.9 78.7 79.0 53.4 61.1 69.5 73.5 80.1 P6.5 26.9 60.7 53.0 89.3 53.0 61.7 69.4 74.6 02.1 54.6 A 7 . 3 37.3 98.9 89.C 9.31 7.31 2.31 2.31 1:31 54.2 54.4 54.4 91.6 91.6 92.7 37.7 91.5 93.8 95.5 95.3 97.5 (, F 5 3 4 5 3 4 9 54.2 62.4 70.4 70.8 71.3 71.7 84.7 95.8 • ? 76.1 P7.7 92.8 93.2 49.2 • 3 75.7 95.4 96.2 GE. 53.9 99.1 74.2 . 3 53.7 54.4 95.6 99.7 6F 34.4 62.5 71.7 76.5 56.4 92.1 94.3 97.8 98.2 . 3 ŧΕ .1 53.4 54.4 54.4 62.5 7: .9 71.7 76. 7 86.4 92.1 27.7 24.3 95.6 97.8 99.2 100.0

TOTAL NUMBER OF OBJERNATIONS: 2347

GLOBAL CLIMATULUGY PRANCH PERCENTAGE FREWUENCY OF OCCURPENCE OF CFILING VENCUS VISIBILITY USAFELIAC FROM HOUPLY OBSERVATIONS AFR WEATHER SERVICE/MAC

	TION NUMBER					3.0					UCIC 19 HTARM	r Et	HOURS	(LS11: (000-02	00
	LINO	• • • • • • • •		• • • • • •		•••••			IN STATI			• • • • • •	• • • • • • •	• • • • • •	• • • • • •	
FEE	T I be		St.	6.E 4		GF 2 1/2	G E 2	65 1 1/2	GE 1 1/4	GE 1	'E '/4	6E 57≠	GE 1/2	6ε ¢/16	GE 1/4	GE Q
110	CETE 1	£6.9	26.4	26.9	20.5	31.4	31.4	32 · 6	34.3	37.6	30.0	38.7	39.5	59.9	39.9	41.0
LE.	2 12 03 [32.0	29.5	20.8	31.7	32.6	33.6	35.1	36.5	39.9	47.5	41.3	41.7	42.1	42.1	43.2
LĒ:	187031	23.8	20.5	25.5	31.7	33.6	33.6	35.1	36.5	79.0	4 7 ?	41.0	41.7	42.1	42.1	43.2
UE :	6021	28•8	65.4	20.8	51.7	33.6	33.6	35.1	36.5	79.7	47.7	41.3	41.7	42.1	42.1	43.2
UE I	14:57	23.0	38.3	38.3	31.7	33.6	33.6	35.1	36.5	39.9	47.0	41.5	41.7	42.1	42.1	43.2
UE I	اديا	3.4.9	28.5	20.5	31.7	33.6	33.6	35 • 1	36 • 5	39.9	47.0	41.3	41.7	42.1	42.1	43.2
CE :	: an be (39.1	39.1	39.1	43.9	46.9	46.9	49.8	53.5	57.2	5.4	59.3	59.9	€3.1	60.1	61.3
6E	90.00	3.2+1	39.1	39 - 1	43.4	46.9	46.9	49.8	53.5	67.2	57.4	59.6	59.3	60.1	60.1	61.3
6E	ลา วิก I	79.1	39	39.1	43.0	46.7	46.9	49.8	53.5	57.2	5 * 4	59.0	59.9	60.1	63.1	€1.3
υĒ	77.201	3 4. 1	37.1	39.1	43.9	46.9	46.9	49. 4	53.5	57.2	5,7,6	59.6	59.9	67.1	62.1	61.3
GE	67471	37.1	37.1	39 - 1	43.9	46.9	46.9	49.3	53.5	5.7 . 2	57.6	59.J	57.8	63.1	60.1	61.3
GΕ	5.508T	39.5	39.5	39.5	44.3	4 7 . 2	47.2	51.2	52.9	· 7 • 6	57.,	59.4	69.1	63.5	60.5	61.6
CE	45 101	4 5.5	4 ^ - 2	43.2	45.0	46.2	49.C	57.9	54.6	58.7	50.7	60.1	63.7	51.3	01.3	62.4
úΕ	40001	4	4 : .5	43.2	45.0	48.3	49.0	50.9	54.6	58.3	5 = .	60.1	67.9	61.3	61.3	62.4
٦Ŀ	35 01	4 7. 6	4 0 . 6	43.6	45.4	46.3	48.3	51.3	55 • C	58 • 7	50.5	60.5	61.3	€1.6	61.5	62.7
υĒ	37641	41.7	41.7	41.7	46.5	49.4	47.4	52.4	56.1	5.03	67.1	61.6	62.4	62.7	62.7	63.8
UΕ	25	42.4	42.4	42.4	47.2	56.2	50.6	53.5	57.2	60.9	0:.3	62.7	63.5	63.8	63.8	64.9
65	วิทยินไ	44.	44.7	44.3	49.1	52.4	52.8	55.7	59.4	63.1	57.5	64.0	65.7	66.1	66.1	67.2
6.5	10 51	45.4	4 . 4	45.4	57.6	52.9	54.2	57.2	50.3	€4.6	51.7	66.4	67.2	57.5	67.5	68.6
υE	15	4 3 • C	48.	43.;	53.1	56.6	57.2	60.5	64.2	67.9	02.3	69.7	77.5	70.8	70.8	72.0
0E	inādi	5.1+3	51.3	51.3	59.3	62.7	63.1	66.4	77.8	74.5	70.0	76.4	77.1	77.5	77.5	78.6
G.E.	1 ' =C	63.9	52.9	53.7	61.5	66.4	66 • 8	75.1	75.6	79.3	27.1	91.5	52.3	82.7	52.7	83.8
GE	9,71	54.2	54	54.2	63.4	67.2	67.5	70. E	76.8	93.8	31.5	93.0	53.8	24.1	34.1	85.2
υE	P 5-1	< 5. ·	55.5	55 . ;	63.1	66.3	68.6	72.3	78.7	P2.3	57.0	94.5	85.2	25.6	85.6	86.7
í.E	7 un (55.4	25.4	55.4	63.8	υ9•G	69.4	73.4	79.3	63.4	94.1	45.6	86.3	P6.7	86.7	88 · 2
GΕ	4 au i	55.4	55.4	55.4	64.2	70.5	70.8	74.9	81.9	R6 . 3	y * . r.	88.9	89.7	93.3	90.0	91.5
G.F.	504	55.4	55.4	55.4	64.2	7 L.E	71.2	75.6	a3	R7.8	37.9	73.4	91.1	91.5	91.9	93.4
úΕ	11.00	r 5 • 7	55.7	55.7	64.5	71.6	72.0	76.4	84.1	99.7	9:1	92.6	93.4	93.7	94.1	95.9
G.E	₹ gn j	5 5 . 7	55.7	55 . 7	64.6	71.6	72.0	76.4	64.9	27.4	9 ~	74.1	95.2	95.6	95.9	97.8
Ŀξ	74.1	55.7	5 . 7	95 • 7	€4.6	71.6	72.0	76.4	54.4	9:00	97.6	94.5	75.6	95.9	96.3	98.2
üΕ	í Jbj	55.7	55.7	55 • 7	64.6	7:.6	72.5	76.4	84.9	8.50	92.6	94.5	95.6	96.3	97.4	99.6
GE .	31	55.7	55.7	55.7	64.5	71.6	72.0	75.4	54.9	90.8	97.6	94.5	95.6	~6.3	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 271

GLORAE CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOLRLY OBSERVATIONS

FERING OF RECORD: 78-87

MONTH: FEE HOURS(LST): 0300-0500 STATION NUMBER: 27575" STATION NAME: KAZAN USSR CEILING IN † FELT | VISIBILITY IN STATUTE MILES 65 65 6F 4 3 2 1/2 SE GE GE GE 7 1 1/4 GΕ GE GE . . 3 2 1/2 1 3/4 5/16 5 578 1/2 1/4 220€ 22.9 25.4 27.2 27.2 32.2 34 . 8 35.9 36.2 37.0 39.1 NO CLIL I 22.0 28 • 6 36.6 GE 18: U11
GE 16: 771 25.) 77.3 25 29.7 29.7 31.2 27.9 29.7 12.7 39.1 25 . . 34 . A 36.4 **ta.a** 39.5 41.7 37.3 25.0 25.3 29.7 31.2 39.7 39.7 38.4 38.9 79.1 25.0 34. 8 39.5 41.7 25.0 25.3 38.4 38.4 25.0 27.9 29.7 29.7 31.2 34.9 38.8 39.1 39.5 39.3 6E 141 601 29.7 37 . 3 38.8 19.1 39.5 25.0 25 . . 27.9 29.7 31.2 34.8 41.7 Ιįξ 42.4 46.0 48.6 53.6 E 6 . 2 51.2 57.6 GE 1Jaust 38.0 38 . 4 46.0 58.0 60.5 58.3 42.4 42.4 42.4 9 150) át 15) 38.5 38.0 56.2 56.2 55.7 55.0 57.2 57.2 57.6 57.6 58.J 59.3 58.3 60.5 60.5 () F 38.0 39.4 46.3 46 .C 45.6 53.6 GΕ 38. 3 46.3 48.€ 53.6 St . 4 4 6 . 3 7: JOI 60:20] 46.0 56.5 56.5 38.3 48.6 56.2 57.2 57.6 58.3 58.3 60.5 5 A . O G.E. 38.5 38 ... 38 . 4 42.4 46.0 43.6 53.6 56.2 57.2 57.6 59.3 6 C . 5 51(c) 45 (d) 45 (d) 38 (d) 38 (d) 38 (d) 43.9 56.5 57.2 57.6 58.7 ΘE 3 8 . 4 38.4 42.8 46.4 46.4 54. -50.3 53.7 34 . 4 66.9 38.4 34.1 46.4 47.1 47.1 56.5 57.7 58.C 58.7 58.3 59.1 36.6 39.5 42.9 46.4 43.5 57.6 59.3 60.9 GE 57.1 47.1 49.6 54.7 59.4 61.6 47.1 55.1 39.1 39.5 43.5 47.6 55.7 59.1 62.0 űE űE 57.6 40.2 40.2 40.0 44.6 46.2 48 .2 50.7 56.2 58.7 59.4 59.0 60.1 60.5 60.9 63.0 27 .M 27 37 I 19 33 I f.F 43.5 41.3 47.5 41.7 45.7 49.6 50.0 52.5 58 € € 65.5 61.0 61.6 62.7 62.3 62.7 64.9 64.1 45.2 68.8 64.7 U.F 49.5 52.5 52.9 53.6 61.2 65.5 65.7 65.9 43.5 55.4 55.2 66.3 68.5 55.4 5,8 44. 44 .. 44.6 47.3 56.2 62.3 66.3 67.J 69.6 19901 19951 75.1 ٦٤. 46.4 46.4 46 . 7 52.2 56.2 56.5 59.1 70.3 74.7 71.0 73.2 59.4 59.8 74.3 49.3 47.0 79.0 63.4 76.1 6 • 4 76.8 17.31 9.11 5:.7 5:.4 5:.9 61.2 5 5 . 7 57.6 58.3 € ₹ • 3 74. 78.3 77.3 PS.1 80.4 RJ.8 93.3 .1.1 62.7 66.3 51.4 8 1.0 51.0 51.6 GE 51.6 61.0 67.4 64.5 75. . 79.0 99.8 81.2 F1.5 81.9 84.1 67. u P 12.4 50.1 93.3 85.9 P2.6 76. -83.0 68.1 50.1 6E 6:31 64. -52.2 52.3 52.5 49.0 64.4 65.2 69.6 79.7 £ 3 . 7 45.9 85.2 97.7 87.3 89.5 57.0 5.01 52.0 67.1 67.9 69.9 25.9 67.0 89.5 92.0 6 E 52.5 65.2 65.9 65.6 66.3 88.8 69.9 73.7 81.5 88.4 52.5 52.5 52.5 eg.: 37.5 97.6 91.3 4 , 1 50.0 71.7 92.8 ωE 92.0 93.1 95.3 52.9 83.5 72.1 72.1 52.5 52.5 52.9 52.9 65.9 92.9 93.1 93.8 96.4 97.8 υĒ 300) 66.3 94.2 63.9 83.3 95.3 66 . 3 72.5 Γ£ 52.5 42.9 67.5 65.5 66.3 72.5 8 . . . 99.1 93.6 95.7 98.9 -- 1 94.2 96.5 IJΕ 4 57.0 61.9 65.9 94.9 96.4 100.0 72.6

TOTAL NUMBER OF OBSERVATIONS:

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GLORAL CLIMATOLOGY BRANCH USAFETAC

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PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

ATR WEATHER SERVICE/MAC

FLPICO OF FECORD: 78-87 STATION NUMBER: 27595" STATION NAME: KAZAN USSR MONTH: FEE HOURS (LST): 0600-0800 ING VISIPILITY IN ST_etute Miles CEILING 5t 1/4 6F GF 3 2 172 GE GT GE GF 5/8 IN 1 SE FEET 1 1C 61 5 GE 1 G_{ CF. ŪĖ Ψ GE 5/16 GE 1/4 GE O NO CETE I 24.9 27.1 62.3 26.4 27.8 23.0 23.0 23.0 35.7 35.7 35.7 65 100001 23.8 23.0 25.3 20.2 29.1 30.6 34.1 34.8 34.8 34.6 35.7 35.9 37.4 39.6 76.6 0E 18703| 0E 16703| 0E 14700| 25.3 25.3 29.7 34.1 35.9 35.9 35.9 35.9 36.6 36.6 37.4 37.4 39.6 39.6 39.6 23.8 23.5 20.2 3 0 · P 23.8 23.3 27.8 30.6 26.2 35.2 3J. ? 14.8 35.9 37.4 20.2 23.0 GE 12:351 23. 1 23.5 25.3 28.2 29.7 30 € 34.1 74.€ 75.9 35.9 36.6 37.4 39.6 GE 100 UP | GE 9100 | GE 8100 | GE 7100 | GE 6100 | 57.4 57.4 35.2 35.2 35.2 35.2 39.5 43.2 45.1 50.2 52.9 57.5 41.8 53.1 53.1 53.1 54.2 54.9 35.2 35.2 31.2 38.5 41.8 43.2 45.1 51.2 *2.C 53.1 54.2 54.9 57.5 35 . 2 57.4 52.4 35.2 35 • 2 38.5 41.6 43.2 45.1 50.2 52.0 53.1 53.1 c 4 . 2 54.9 54.9 57.5 57.5 4.2 3- - -41.6 43.2 44.3 45.1 50.2 F2.0 53.1 55.9 53.8 5:001 45:1 47:001 ₹4. +6 51.6 51.6 54.6 36.6 76 . b ιE 36.L 37.4 36.6 36.6 39.9 43.2 44.7 46.5 53.5 54.9 54.7 F6.0 56.R 59.3 54.6 55.7 55.7 47.7 44.0 45.4 47.3 52.4 54.2 55.7 55.7 56.8 57.9 57.5 60.1 GΕ 41.8 38.5 38.5 40.4 48.4 55 • 3 55 • 3 46 .5 56.6 56 . 9 58.6 57.9 46.5 58.6 30.5 56.6 56.8 61.2 (- E 25 .01 40.3 40.3 43.6 44. . 9 48.4 5 7 • 2 5 3 • 1 55.3 57.1 57.5 58.6 58.6 c9.7 60.4 63.0 67.0 2:001 16:001 15:001 10:001 41.5 42.1 49.8 51.2 64.5 6,5 41.0 41.8 46.2 51.3 59.3 61.2 61.5 62.6 62.6 63.7 G.E 42.1 45.5 63.3 67.4 42.1 51.6 53.5 50.7 61.5 61.0 53.C 64.1 51.3 56.0 42.5 47.3 66.0 68.5 4 . . 5 64.1 65.2 65.9 54.0 62.6 64.1 51.3 63.4 62.4 72.2 10 001 0001 4021 60.4 60.8 48.0 53.5 63.4 77.9 t: F 48.0 48.4 48.4 72.5 74.3 74.7 75.5 76.2 76.6 77.3 54.0 70.3 74.0 79.1 53.8 59.3 77.1 72.2 73.3 46.4 4 F . 4 74.7 63.7 72.9 l, { 79.9 49.1 40.1 45.1 54.9 6., •4 61.9 64. P 74.4 74.7 76.2 76.2 77.7 78.8 81.3 121 40.0 56.c 65.9 76 . E 75.7 78.4 79.9 82.8 81.0 44.4 44.5 1.1.5 63.0 74.4 P . 4 83.5 56.5 50.5 76.6 86.4 r : : 1 51.9 51.0 53.6 79.5 90.5 66.3 ı,E 4.01 7414 5 :. t 51.6 51.6 51.6 51.6 59.7 55.9 67.8 73.7 01.7 95.0 85.7 57.5 RP.3 88.6 93.5 90.1 91.2 93.8 95.6 51.6 65.9 90.1 91.9 67.8 71. i P6 . 1 93.0 51.5 50.7 04.8 54.6 65.7 92.3 5 Let 61.6 57.7 65.9 67.9 71.8 62.4 P7 . . 02.6 91.6 92.3 94.1 95.2 99.3 51 51.6 51.0 5.9.7 (5.9 51.6 6.7 .A 71.8 97.3 09.6 92.3 94.5 95.6 100.0 52.8 91.6

TOTAL NUMBER OF ORSERVATIONS: 27

GLOBAL CEIMATOLOGY DEANCH USAFLTAC AIR WEATHER SERVICEZMAC

PERCENTAGE PREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		-		57411								MUNTH	: FEE		{LST}:		
		• • • • • •	• • • • • •	• • • • • • •	· · · · · · ·	• • • • • •	• • • • • • • •			IN STATI			• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
CE E E		S.L.	SE,	6.	äε •	σε 3	6E 2 1/2	GE	65 1 1/2	GE	GE 1	6.5 6.6 7/4	61 578	GE 1/2	65 5/16	GŁ 1/4	GE D
											_			-			
	CEIL I		1.1	.1.1	21	23.6	24.6	24 • •	26.4	27.6	30.1	37.5	31.3	32.5	32.9	33.3	34.1
67	201201		23.5	27.5	23.5	26.4	20.5	28.0	29.1	30.9	*3.3	31.7	34.6	35.3	76.2	36.6	37.4
	180501		23.6	21.6	23.0	26.4	28.0	20.0	29.7	30.9	33.3	33.7	34.6	35 • R	36.2	35.6	37.4
	16		23.6	23.6	23.6	26.4	28.0	28.0	29.7	30.9	33.3	27.7	34.6	35.8	36.2	36.6	37.4
	141 001		23.6	21.5	23.5	26.4	Ie.G	28.0	29.7	3C . 9	?3.3	37.7	34.6	35.8	76.2	36.6	37.4
6£	12-001		23.6	23.6	23.5	26.4	28.0	28.0	29.7	30.9	33.3	13.1	34.5	35.8	36.2	36.6	37.4
			•						F /: -								
	100001		16.2	37.3	37 •	42.3	48.0	48.7	50.8	54.5	57.7	(6.0	59.8	61.0	62.2	63.0	64.2
υE	90 (01		36.2	37.3	37 . 3	42.3	45.0	48.0	50.6	54.5	57.7 57.7	50.0 50.0	59.8 59.8	61.7	62.2	63.0	64.2
U.E	87131 77311		16.1 16.1	37.0 37.0	?7 • 3 37 • 3	42.3 42.3	4 + + 0	48.0	50.8	54.5		59.3		61.0 51.4	62.2 62.6	63.D	64•2 64•6
GE GE	6753		36	37.	37.1	42.3	4 6 . G 4 E . G	48.0 4 %. 0	50.8 50.8	54.9 54.9	58 • 1 58 • 1	57.3	60.2 60.2	61.4	62.6	63.4	64.6
i) ľ	9 331		J U • L	ı , •	3	7	4 6 .0	4.4.	20.0	34,7		24.3	00.2	01.4	02.0	03.4	04.0
ŭĹ	57001		36.2	37.3	37.0	42.3	46.0	48.0	5 つ• 8	54.9	c 8 · 1	57.3	60.2	61.4	62.6	63.4	64.6
ь£	46 [3]		30.2	37.3	37 • 3	42.3	4 5 . 0	48.0	50.8	54.9	58 • 1	59. 5	67.2	61.4	62.6	63.4	64.6
υč	4 " 0 1		3002	37.0	37 . j	42.3	48.0	48.0	50• 8	54.9	c 8 • 1	50.3	50.2	61.4	62.6	63.4	64.6
GΕ	35.021		3000	37.3	37.0	42.3	48.4	48.4	51.2	55.3	58 • 5	59.5	53.6	61.9	63.0	63.8	65.D
٠Æ	10001		3006 1	37.4	37.4	42.7	46.8	48.8	51.6	55.7	58.9	65.2	61.0	62.2	63.4	64.2	65.4
БE	25 = 11		77.4	31.2	38 • 2	43.5	56.4	57.4	53.3	57.3	60.6	51.3	62.6	63.9	65.0	65.9	67.1
68	21331	. 4	. 5. 5	30.4	29.4	44.7	52.4	52.4	55.3	59.3	52.6	67.0	54.6	65.9	67.1	67.9	69.1
SE	12,31	4	20.0	30.9	39.5	45.1	52.8	5 2 . 8	55.7	62.2	63.8	65.7	65.9	67.1	68.3	69.1	70.3
C.E.	ir în i	. 4	39.8	4 1 . 7	43.7	45.9	54.1	54.1	57.3	61.8	65.9	67.1	67.9	69.1	70.3	71.1	72.4
SE	irdəl	. 4	9 . 9	42.7	42.7	49.0	56.5	56.5	50.2	65.0	49.5	75.5	71.5	72.8	74.0	74.8	76.0
				_													
üί	11.004	. 4	4.2. 3	4 3 . 1	45 • 1	49.4	57.3	57.3	61.0	06.3	7G • 7	72.7	73.2	74.4	75.6	76.4	77.6
ŲΕ	9.31	. 4	42.7	4 7 . 5	43.5	49.2	5 9 • 1	58.1	61.8	67.1	71.5	77.0	74.0	75.2	76.4	77.2	78.5
ıξ	a 0.01	4	4 5. 1	43.7	43.7	50.0	58.9	59.3	63. C	69.1	73.€	74.9	76.0	77.2	78.5	79.3	80.5
GE GE	76	• 4	4 3. 1	11.,	43.9	57.3	59.3	59.8	63.4	69.5	74.0	75.2	76.4	77.6	78.9	79.7	80.9
UE	6	. 11	4.3+5	9.9 . 2	44.3	51.2	62.2	62.6	66.7	74.7	78.9	a _ • .a	82.1	83.3	¤4.6	85.4	66.6
ΘE	5 .11	. 4	43.9	44.7	44.7	52.	63.0	63.4	67.7	75.6	9D • 5	42.5	83.7	85.0	96.2	87.G	88.2
GE	4 😅 [. 4	44.3	45.1	45 . 1	52.4	63.4	63.8	66.3	78.5	04.1	37.7	98.2	99.8	91.1	91.9	93.1
GE	1001	. 4	44.3	45.1	45.1	52.4	62.4	63.8	63.3	78.5	₽5.C	50.0	89.8	92.3	94.3	95.1	96.3
υF	- Jal	. 4	44.7	45.5	45.5	52.1	6 7 . 8	64.2	64.7	79.7	96.6	90.5	91.9	94.7	97.6	98.4	99.6
GT.	1 11	. 4	44.7	45.5	45.5	57.8	63.8	64.2	69.7	79.7	P6.6	90.2	91.9	94.7	97.6	98.4	100.0
οĘ	"1	. 4	44.7	45.5	45.5	52.8	6 ? •8	64.2	63.7	77.7	P6 • 6	90.7	21.9	94.7	07.6	78.4	100.0

TOTAL BUMBER OF OBSERVATIONS: 245

GLOBAL CLIMATOLOGY BRANCH USAFLIAC AIR HOATHER SERVICE/HAC

PERCENTAGE EREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TATION	ta nati	MPFR .	27525 1	Siati	OF HAMES	KAZA	N LSep					PERICO	OF FECT	ORD: 78	-87		
							-					MONTH			(LSI): 1		
	• • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••		RTI TTY	IN STAIL	 ITF "!!	•••••• ES	• • • • • •	• • • • • • •	• • • • • •	•••••	•••••
EILINU 10		66	GF.	GE	J.F.	GE	GE	GE	GE	GE	GF	51	U1	υĹ	GΕ	GE	GE
114 FET T		13	(i	e i	ijτ. +		2 1/2		1 1/2		1	3/4	5/5	1/2	5/16	1/4	2
• • • • •		,	• • • • • • •												•		
C CETI	. 1		28.3	JP . 3	30.3	33.1	33.1	33.1	34.€	37.1	39 . 3	41.7	41.2	41.2	41.9	41.9	42.3
	. ,						,,,,										
€ 200	しこし		3:00	31.00	31.0	34 . 2	37.5	37.5	39.3	42.6	44.5	44.7	46.7	46.7	47.4	47.4	47.8
E 180			34.6	\$2.00	32.0	34.2	37.5	37.5	37.3	42.5	44.9	45.7	46.7	46.7	47.4	47.4	47.8
L 16'			71.6	31.6	31.0	34.2	37.5	37.5	37.3	42.5	44.3	44.7	46.7	46.7	47.4	47.4	47.B
E 14".			51.0	51.5	3; .5	34.2	37.5	37.5	37.3	42.6	44.9	44.7	46.7	46.7	47.4	47.4	47.8
E 121	ال		J 1. C	31.6	31.5	34.2	37,5	37.5	39.3	47.6	44.0	46.7	46.7	46.7	47,4	47.4	47.8
E 1300	601		44	44.9	44.9	47.8	53.3	54.7	56.3	64.3	56.9.	64.2	68.8	69.5	70.2	70.2	71.0
Ę 91.	125		44.1	94.7	44.7	47.8	53.3	54.3	56.3	04.3	66.9	64.3	68.0	69.5	70.2	70.2	71.0
E and	se i		44.	44.5	44.9	47.8	53.3	54.0	56.3	64.3	65.9	63.4	68.8	69.5	70.2	70.2	71.0
E 7'-	ani		44.1	44.9	44.9	47.B	53.3	54.0	56.3	64.3	66.9	65.0	68.0	69.5	76.2	70.2	71.0
E C			44.5	45.0	45.2	48.2	53.7	54.4	56.6	64.7	67.3	67.1	69.1	69.9	70.6	70.6	71.3
£ 57	177		44.5	4 5	45.2	49.2	53.7	54.4	56.6	04.7	67.3	63.1	69.1	69.9	70.6	70.6	71.3
F 4"	un i		44.5	45.2	45.2	48.2	53.7	54.4	56.6	64.7	67.3	67.1	69.1	69.9	70.6	70.6	71.3
E 4	og i		44.5	41.2	45.	48.2	53.7	54.4	56. £	64.7	67.3	67.1	69.1	69.9	73.6	70.6	71.3
£ 35	. 11		44.5	45.2	45.2	48.2	5 2 • 7	54.4	56+6	54.7	67.3	63.1	69.1	69.9	70.6	70.6	71.3
F 31	อาน		45.7	46.0	46.3	48.9	54.4	55.1	57.4	65.4	68.5	63.0	59.9	70.6	71.3	71.3	72.1
															_		
E 25	J 1		45.6	46.5	46.3	49.3	54.B	55.5	57.7	55.5	69.9	7~.6	72.6	71 • 3	72.1	72.1	72.8
£ ."			47.4	49.5	45.2	51.1	56.€	57.4	59. t	67.6	70.6	77.4	72.4	73.2	73.9	73.9	74.5
.E 1.P	E. 1		47.8	48.5	48.5	51.5	57.0	57.7	59.9	⊌B • C	71.C	72.5	72.5	73.5	74.3	74.3	75.0
r Ir	COL		49.3	50.0	5,1 • 5	53.3	5 9 . 2	59.9	62.5	71	73.9	75 • 7	75 • 7	76 • 5	77.2	77.2	77.9
E 12	101		r (19	5 # •€	54	58.5	66.2	66.9	70.2	79.4	92.4	64.7	84.2	84.9	95.7	85.7	86.4
											85.7	67.5	P7.5	88.2	F9.0	89.0	89.7
	إذان		5 4 . E.	5	55.9	60.7	5 € • 8	69 • 5	72.6	82.7		87.5	97.5	89.2	F9.0	89.0	89.7
	101		5.4.8	55.7	55.9	67.7	68.8	60.5	72,8	62.7	05.7	87.5 89.7	87.5 89.7	90.4	91.2	91.2	91.9
	-G		56.3	57.4	57.4	62.1	76.6	71.3	74,6	84.9	P7.9				91.5	91.5	92.3
	171		56.3	57.4	57.4	£2.1	76	71 • 3	75.1	05.3	98.2	97.1	70.1	90 • 8 92 • 6	93.4	93.4	94.1
E 6	ايات		56.6	57.7	57 • 7	62.9	71.3	72.4	76.1	86.4	89.7	91.9	91.9	92.0	43.4	7:•4	74.1
, į r	1		56.6	57.7	57.7	62.9	71.3	72.4	76.5	87.1	90.9	93.4	93.8	94.5	95.2	95.2	96.0
											91.5	40.5	95.2	76 - 3	97.1	97.4	96.2
	101 01		5 6 • 6 • 6 • 6	57.7	57+7 57+7	63.2	71.7	72.8	76.6 76.8	87.9 88.2	91.9	94.5	36.0	97.1	96.2	98.5	99.3
	2011 2011			5.7.7	57.7	63.2	72.1	73.2	77.2	88.6	92.3	95.6	96.3	97.4	98.5	98.9	99.6
	.01		56.6 56.6	57.7	57.7	63.2	72.1	73.2	77.2	88.6	92.3	95.6	96.3	97.4	28.9	99.3	100.0
, ;) C. G	., /	31.1	03.5	1 4 4 4	13.6	1102	0.0 • 0	,	. • •	3.5	, , , ,	3.7		
·ε	.11		56.6	57.7	57.7	63.2	12.1	73.2	77.2	48 €	92.3	7°.6	76.3	97.4	98.9	99.1	100.0

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TOTAL NUMBER OF OPSERVATIONS: 272

GLECAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

CE IL ING		, , <i>,</i> , , , , , , , , , , , , , , , ,		HOURS(LST): 1500+1700
		SIBILITY IN STATUTE MIL		• • • • • • • • • • • • • • • • • • • •
IN GC GF GF WF FEET 11 & 5 4	6E GE GE 3 2 1/2	GE GE GE 1 1/2 1 1/4 1	96 OF 374 578	GE GE GE 1/2 5/16 1/4 O
NO CETE 33.8 39.6 29.6	36.0 39.3 39.3	3 47.1 42.6 43.0	47.4 43.4	43.4 43.4 43.4 43.4
GE 180001 39.6 39.7 39.7 GE 16007 39.6 39.7 39.7 GE 140001 79.0 39.7 79.7	41.9 45.6 45.6 41.9 45.6 45.6 41.9 45.6 45.6 41.9 45.6 45.6	5 46.3 49.3 49.6 5 46.3 49.3 49.6 5 46.3 49.3 49.8	57.7 50.4 57.7 50.4 57.0 50.4 57.0 50.4 57.1 50.4	50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4
UE 100034 52-2 53-7 53-7 60 93 u21 52-2 53-7 53-7 u6 7001 52-2 53-7 53-7 u6 7001 52-2 53-7 53-7	55.9 60.3 60. 55.9 60.3 60. 55.9 60.3 60. 55.9 60.3 60. 55.9 60.3 60.	3 61.8 67.3 68.5 6 61.8 67.3 68.0 3 61.8 67.3 68.0 3 61.8 67.3 68.0	6°.4 69.1 6°.4 69.1 6°.4 69.1	6. 69.5 69.5 69.5 69. 69.5 69.5 69.5 69.1 69.5 69.5 69.5 69.1 69.5 69.5 69.5 69.1 49.5 69.5 69.5
6E 45 11 52.2 53.7 53.7 6E 46 11 52.6 54.2 54.4 9E 35 101 52.9 54.4 54.4	55.9 60.3 60. 55.9 60.3 60. 56.3 6J.7 60. 56.6 61.0 61. 56.6 51.0 61.	3 61.6 67.6 68.4 7 62.1 68.0 68.8 0 62.9 68.9 59.5	6°.9 69.5 69.1 69.9 67.0 70.6 77.6 71.3	69.5 69.9 69.9 69.9 69.5 69.9 69.9 69.9 69.9 7J.2 7C.2 70.2 7g.6 71.0 71.0 71.0 71.3 71.7 71.7
6E 2000	57.7 62.1 62.5 59.2 53.6 64.5 59.9 64.3 64.6 62.5 66.9 67.6 66.9 72.1 72.6	2 65.8 72.1 72.8 7 66.5 72.8 73.5 3 69.1 75.7 76.5	71.7 72.4 73.5 74.3 74.3 75.1 77.2 77.9 62.7 84.2	72.4 72.8 72.8 72.8 74.3 74.6 74.6 74.6 75.0 75.4 75.4 75.4 77.9 78.3 78.3 84.2 94.6 84.6 84.6
GE 7.01 .4 63.5 54.7 64.7 GE 7.01 .4 63.5 55.5 65.5 GE 7.01 .4 63.5 56.2 66.2	67.6 73.5 73.6 69.0 73.9 74.6 69.5 75.4 75.6 69.9 76.1 76.6 69.9 76.1 76.6	3 76.5 85.3 86.C 7 78.3 67.5 88.2 5 79.0 88.6 89.3	85.7 87.1 66.9 88.2 87.3 9J.4 97.1 91.5 97.1 91.9	87.1 87.5 87.5 87.5 88.6 89.0 89.0 89.0 90.8 91.2 91.2 91.2 91.9 92.3 92.3 92.3 92.3 92.6 92.6 92.6
65 4 3 4 6 4 5 6 6 5 6 5 6 5 6 5 6 6 6 6 6 6 6	69.9 76.1 76.77.6 77.6 77.6 77.2 77.1 71.0 77.2 77.1 71.0 77.2 77.1 71.0 77.2 77.1	79.8 yi. 93.8 5 93.1 91.9 94.1 5 93.1 91.9 94.1 6 83.1 91.9 94.1	92.3 94.1 94.5 96.3 94.9 96.7 94.9 96.7 94.7 96.7	94.5 94.9 94.9 94.9 96.7 97.1 97.1 97.4 97.1 97.4 97.8 98.2 97.4 98.2 98.5 99.3 97.4 98.9 99.3 100.0

TOTAL NUMBER OF ORSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY CUSERVATIONS

		-			ON NAME:							BONTH		H0UH5	(LST):		
	LING	• • • • • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••			IN STATE			• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
 F E	N I	10 60	C.F.	GE 5	GE 4		GF 2 1/2	G E 2	1 1/2	5E 1 1/4	G E 1	9t. 374	G₹ 578	GE 1/2	GE 5/16	GE 1/4	GE O
	CEIL I	. 4	75.9	30.9	30.9	33.8	37.1	37 • 1	33.2	41.4	41.4	42.1	42.4	42.4	42.4	42.4	42.4
ĿĘ	20202] 18793]	. 4	34.5 34.5	34.5 34.5	34 • 5 34 • 5	38 • 1 38 • 1	41.4	41.4	43.5 43.5	46.3 46.3	46.0	46.5 46.5	47.1	47.1	47.1	47.1	47.5
GE	16101 14108 12108	. u	34.5 34.5 34.5	34.5 34.5 34.5	34 • 5 34 • 5 34 • 5	38.1 38.1 38.1	41.4 41.4 41.4	41.4 41.4 41.4	43.5 43.5 43.5	46.3 46.3 46.3	46.0 46.0	45.3 45.3 45.3	47.1 47.1 47.1	47.1 47.1 47.1	47.1 47.1 47.1	47.1 47.1 47.1	47.5 47.5 47.5
:. :	10053	. 7	48.2	4 P 2	48.2 49.2	52.9 52.9	5 7 • 2 5 7 • 2	57.2 57.2	59.7 59.7	64.7	65 • 1 65 • 1	66.2 66.2	66.5 66.5	66.9 66.9	67.3	67.3	67.6 67.6
äE äE äE	8: 01 71 01 60 01	• 7 • 7 • 7	48.2 48.2 48.2	48.2 48.2 48.2	48 • 2 48 • 2 48 • 2	52.9 52.9	57.2 57.2 57.2	57.2 57.2 57.2	59.7 59.7 59.7	64 • 7 64 • 7 64 • 7	65 • 1 65 • 1 65 • 1	66 • 2 66 • 2	66.5 66.5 56.5	66.9 66.9	67.3 67.3 67.3	67.3 67.3 67.3	67.6 67.6 67.6
GE	5-c) 45-11	.7	48.9	48.9	43.9	53.6	57.9 57.9	57.7 57.9	60.4 60.4	65.5	65.8	66.9	67.3	67.6	68.3 68.3	68.0	68.3 68.3
6E 6E	4001 35001 30001	• 7 • 7 • 7	49.3 49.3 51.4	49.3 49.3 51.4	49.3 49.3 51.4	54.0 54.) 56.1	58.3 58.3 60.8	58.3 58.3 63.8	60.8 63.8 63.3	65.8 65.8 68.3	66.2 46.2 69.1	67.3 67.3 7°.1	67.6 67.6 70.5	69.0 69.0 70.9	68.3 68.3 71.2	68.3 68.3 71.2	68.7 68.7 71.6
6E 6E 6E	21 501 23 63 1 18 67 1	.7	52.9 55.4 56.1	52.9 55.4 56.1	52.9 55.4 56.1	57.9 61.2 61.7	52.6 55.8 66.5	62.6 65.8 66.5	65.1 68.7 69.4	70.1 13.1 14.5 77.0	70.9 74.5 75.2 77.7	71.2 75.5 76.3 78.9	72.3 75.9 77.0 77.5	72 • 7 76 • 3 77 • 3	73.0 76.6 77.7	73.0 76.6 77.7	73.4 77.0 76.1
6E 6E	15004 1207 1207	• 7	5.7+6 6.1+2 6.2+2	57.6 61.2 57.2	57.6 61.2	63.7	6 6 • 7 7 4 • 5	68 • 7 74 • 5	71.6	83. A 86. 3	94.9	66.0 89.5	86.7	79.9 57.1 89.5	97.4 97.4	57.4 87.4	80.6 87.8 90.3
0E 0E 0E 0E	9 03 1 9 03 1 7 30 1 6 3 1 1	• 7 • 7 • 7 • 7	62.2 52.9 62.9 63.3	52.9 52.9 52.9	62.2 62.2 62.9 62.9 63.3	69.5 69.3 70.5 70.5	76.6 76.6 77.7 77.7 78.1	76.6 77.0 78.1 78.1 78.4	79.9 80.2 81.3 81.3	86.7 88.1 69.1	87.8 89.2 89.2 90.3	59.8 90.3 90.3	91.U 91.U	89.9 91.4 91.4 92.4	91.7 91.7 91.7	90.3 91.7 91.7 92.8	90.6 92.1 92.1 93.2
6E 6E 6E	5 03 1 4 0 2 1 3 0 7 1 1 0 7 1	•7 •7 •7	6 3 · 2 6 3 · 7 6 2 · 7 6 3 · 7	63.5 63.7 63.7 53.7	63.3 63.7 63.7 63.7	71.9 71.9 71.9	78.1 78.8 79.1 79.5	78.4 79.1 79.5 79.9	82. L 83.1 83.5 84.2	89.2 90.3 91.7	90.3 92.4 93.5 94.6	41.4 41.0 75.3 55.4	92.1 94.6 95.7 97.5	92.4 95.0 95.0 97.8	92.8 95.3 96.4 98.6	92.8 95.7 96.8 98.9	93.2 96.0 97.1 99.6
GE	มแก่ไ	. 7	u 3.7	57.7	63.7	71.9	79.5	79.9	84.2	91.7	94.6	96.4	97.5	97.8	98.9	99.3	100.0

TOTAL NUMPER OF ORSERVATIONS: 278

GEOBAL CLIMATOLOGY ERFNCH USAFETAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VEHSUS VISIBILITY FROM FEURLY OBSERVATIONS

STATION NUMPER:	275050	514110	NAME:	KAZA	N USSR							PD: 78-			
										HTACE			LST1: a		
CEILING	• • • • • • • • •	• • • • • •			•••••			IN STATE			• • • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
IN 1 GE	G	f; r	SE	GE	ьE	GE	GE	GE	GE	. GE	GE	GE	GE	GE	G€
FEET 100	Ur L	5	J1.		2 1/2		1 1/2		1	1/4	578	1/2	5/16	1/4	0
									_						
														••••	
NO CELL !	31.9	31.9	31.9	34.4	37.7	37.7	39.9	43.5	43.8	44.6	44.0	44.6	45.3	45.7	46.5
6E 203631	34.4	34.4	74.4	37.0	40.2	49.2	42.4	46.0	46.4	47.1	47.1	47.1	47.8	48.2	48.6
GE 187 GUT	34.4	34.4	34 • 4	37.0	40.2	45.2	42.4	46.7	46.4	47.1	47.1	47.1	47.8	48.2	48.6
GE 161501	34.4	34.4	34 • 4	37.0	40.2	40.2	42.4	46.0	46.4	47.1	47.1	47.1	47.8	48.2	48.6
GE 147411	34.4	34.4	34.4	37.0	40.2	40.2	42.4	40.0	46.4	47.1	47.1	47.1	47.8	44.2	48.6
OE 12000	34.4	34.4	34 • 4	37.J	40.2	40.2	42.4	46 • C	46.4	47.1	47.1	47.1	47.8	48.2	48.6
6E 100001	44.9	44.7	44.9	47.6	54.0	54.0	56.9	63.0	63.4	64.1	64.1	64.5	65.6	65.9	66.3
SE 9"611	44.7	44.9	44.9	49.6	54.0	54.0	56.9	63.0	63.4	54.1	64.1	64.5	65.6	65.9	66.3
6E 87401	44.9	44.9	44.9	49.6	54.0	54.0	56.9	63.0	63.4	64.1	64.1	64.5	65.6	65.9	66.3
GE 77631	44.9	44.7	44.9	49.6	54.0	54.0	56.9	63.C	63.4	64.1	54.1	64.5	65.6	65.9	66.3
6E 67-201	45.2	45.3	45.3	52.0	54.3	54.3	57.2	63.4	63.8	64.5	64.5	64.7	65.9	66.3	66.7
5E 53 dal	46.4	46.4	46.4	51.1	55.4	55.4	58.3	64.5	64.9	65.6	65.6	65.9	57.0	67.4	€7•8
GE 45 (1)	46.7	46.7	46 . 7	51.4	55.8	55.8	58.7	64.9	55.2	65	55.9	66.3	67.4	67.8	68.1
∪E 4"]	47.8	47.8	47.5	50.9	57.2	57.2	60.1	66.3	66.7	67.4	67.4	67.B	48.8	69.2	69.6
GE 35 40 F	47.8	47.5	47.8	53.6	58.0	58.7	63.9	67, ~	67.4	69.1	6 P . 1	68.5	69.6	69.9	7 C • 3
GE TOOT	53.0	50.0	50.0	55.0	6 D • 1	60.1	63.C	69.6	69.9	10.7	70.7	71.7	72.1	72.5	72.8
ot 25.001	51.1	1	51 - 1	57.2	61.6	61.6	64.5	71.4	71.7	70.5	72.5	72.9	73.9	74.3	74.6
or 2 Lil		52.5	52.2	59.3	62.7	62.7	65.6	72.5	12.8	73.4	73.6	73.7	75.5	75.4	75.7
5E 19001	5.2.5	50.0	52.5	53.7	63.0	63.0	66.3	73.6	73.9	74.5	74.6	75.0	76.1	76.4	76.8
Æ 11 CH	5.6.2	56.2	56.2	63.3	€7.0	67.8	71.4	19 . €	79.3	50.1	90.1	83.4	P1.5	81.9	82.2
5E 1:651	59.1	57.1	59 • I	u 6 • 3	71.C	71.0	75. J	83.7	84.1	H4.0	£4.£	85.1	F6.2	66.6	67.0
6E 17661	50.6	29.1	59.5	67.4	7: 1	72.1	76.1	85.5	95.9	6.6.6	F6.5	87.2	66.3	89.4	89.1
6E 3 (*)	5	57.7	62.9	68.5	73.2	73.2	77.5	H 7 • 3	37.7	60.4	98.4	68.8	9.9	90.2	96.9
at such	5 4.6	61.6	51.6	67.2	74.3	74.3	75.6	68.8	99.1	80.0	99.9	93.2	91.3	51.7	92.4
uE 7.^]	51.0	61.5	61.6	60.2	74.3	74.3	73. t	89.5	99.9	· · · (:	90.6	99.2	92.0	92.4	93.1
o€ 5 c?	5 Z.;	57.3	62 + 0	69.9	75.4	75.4	80.1	91. 7	31.7	72.8	92.s	93.1	94.2	94.6	95.3
66 5131	6 Z • i,	62.3	62.0	69.9	75.4	75.7	80.8	92.0	22.4	91.5	93.5	93.3	94.9	95.3	96.0
6E 4001		62.5	62.5	67.9	75.4	75.7	81.2	92.4	32.8	91.6	94.2	94.6	36.0	96.4	97.1
6E 300]		62.2	62.0	69.9	75.4	75.7	81.2	92.9	93.8	94.5	95.3	95.7	97.1	97.5	98.2
NE CUT!		62.3	62 • U	69.9	75.4	75.7	81.2	93.1	24.2	91.7	96.0	96.4	97.8	99.2	98.9
ef 1:01	52.3	52.0	65.0	69.9	75.4	75.7	81.2	93.1	94.2	46.9	96.4	96.7	98.5	99.9	9946
6t 51	5 3	52.3	62.5	70.3	75.7	16.1	81.5	93.5	94.6	96.4	96.7	97.1	96.9	99.3	100.0

TOTAL NUMBER OF ORSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH - BSAFFFAC

PERCENTAGE FREGUENCY OF OCCURPENCE OF CFILING VEHSUS VISIBILITY FROM FOURLY COSERVATIONS

AIR WEATHER SERVICE/MIC

STATION NUMBER: 27595 1 STATICA NAME: KAZAN USSR FLEIGU OF PECORD: 78-87 MONTH: FET HOURS (LST): VISIBILITY IN STATUTE MILES CEILING GE IN 1 5E FEET 1 1 6E 6E 6E 6E 74 G.F ٥E 1,10 0 NO CEIL 1 .~ 27.1 27.5 27.2 29.4 32.3 32.2 33.7 36 . 2 77.2 . P . 4 70.8 39.1 79.5 39.7 40.6 71.3 71.3 GE 201601 3 1 • 3 77.4 35.6 35.6 32.5 15.9 37.4 40.2 41.6 42.3 42.7 43.0 43.4 43.7 44.6 56 180-01 66 16:01 98 14:01 . r . c 32.9 32.9 33.3 35.8 40.0 42.3 42.3 42.3 42.7 43.0 43.0 43.4 43.4 43.4 44.6 31.4 41.6 43.7 47.2 47.7 37.3 30.3 35.6 35.8 37.4 41.6 32.9 32.9 35.0 42.7 43.7 44.6 31.3 35.6 37.4 41.6 37.4 75.6 35 • a 62.2 62.2 62.2 59.0 59.0 ۱- F ۱- F 42.3 42.7 42.7 51.0 51.2 53.7 61.7 63.4 63.7 64.7 10001 46.7 43.5 62.7 52.7 62.7 9.501 . i 4 2.3 4 2 . 7 42.7 46.7 51.0 51.2 53.7 40.9 63.4 63.7 64.7 4 ? • 7 4 2 • 7 4 2 • 7 59.0 59.0 61.7 4 2 • 3 60.9 UΕ 8 Juli 71501 42.7 42.7 46. . 7 51.0 51.2 53.7 63.7 64.7 64.8 60.9 62.5 u.E 42.5 42.1 45.9 51.4 53.8 59.2 £1.1 61.7 62.7 63.6 63.9 65.0 5001 45 (01 4 (01 5 (01 62.4 62.5 62.5 62.5 51.8 52.0 52.4 52.9 63.1 63.6 90.9 43.3 43.3 47.3 51.0 54.3 59.7 64.1 64.3 64.7 . 1 61.£ 63.4 63.6 6.4 . 4 65.4 GE GE 47.1 43.4 47.5 51.7 59.8 64.6 65.3 .1 43.5 54.4 61.7 65.6 52.2 60.3 64.5 66.5 43.7 47.9 54.7 62.2 4 2. 7 44.1 44 . 1 48.2 62.6 65.2 ьi, 52.8 53.9 55.3 60.7 . 1 4 4 . 7 45.1 47.2 5 3 . 6 64.6 55.3 55.7 66.7 67.7 25 224 27 27 1 69.2 11E 45.1 57.4 52.4 55.3 57.5 63.3 65.8 65.2 67.8 66.7 67.2 67.7 • 1 4 3 • 7 57.7 66.1 68.2 77.7 57.1 47.3 50. U 71.6 υE 4 < • _ 43.4 40.4 53.0 57.7 58 • 1 63.7 66.6 68.7 60.5 70.2 77.7 71.3 71.6 72.7 4 ... 60.6 65.3 63.4 69.5 73.7 73.7 74.4 74.6 75.7 6D.9 80.6 82.0 77.9 1747 9 01 8001 70.4 54.5 61.3 57.1 67.6 70.8 PG . 7 61.7 e 2 . 5 A 3 . 7 93.7 84.1 85.2 4.4 55.3 εť 54.5 -5.5 55.3 55.1 55.4 61.5 69.4 71.4 74.2 83.9 91.6 n2.5 a 7.4 83.9 85.7 R4.7 85.0 86.1 67.7 6F 55.2 56 . 1 93.3 F6.4 06.7 68.9 72. 8 55.7 55.1 64.2 96.5 50.7 63.4 7:.3 33.€ F6 . 2 99.0 90.1 91.2 90.3 56.1 55.7 56 • 7 57 • 1 75.7 57.5 90.2 93.8 93.3 91.5 91.9 93.1 63.7 71.3 75.3 84.7 4 . . 1 55.5 57. 72.0 72.0 72.0 99.7 94.2 44.6 95.9 64.3 36.3 71.3 75.2 57.1 1.5 50.5 57.1 64.4 76.3 86.6 90.5 93.9 94.6 95.5 96.1 97.4 5/ . . 91.7 95.7 95.8 5000 64.4 71.5 76.6 n.7 . 1 74 . H 97.0 97.5 98.9 GF 37.1 r 6+ 5 57.1 51.2 64.4 76.6 98.C 55.6 , 7 ... 11.6 76.7 67.2 91.3 95.6 95.9 97.5 98.1 100.0

TOTAL NUMBER OF 0 OF REVATIONS: . 154

CLUBAL CLIMATOLOGY PRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIEILITY USAFLTAC FROM HOURLY OBSERVATIONS

ATR ATATHER SERVICEMAC

STATION NUMBER:										мсытн	CF PEC	HOURS	(LST):		
CE IL ING	• • • • • • •			• • • • • •				IN STATU				• • • • • • •	• • • • • • •	• • • • • •	
10 GE FEET 10	UL E	6E	GE 4		GF 2 1/2	G.E	GE 1 1/2	GE 1 1/4	GE 1	6.E	G ₁ 578	GE 1/2	5 £ 5 / 1 5	GE 1/4	GE C
NO CETE I	77.9	57.4	37 _9	79.9	41.3	41.3	41.6	45.4	45.4	4 . 4	45.4	45.4	46.1	46.1	46.8
NO CEIL I	. , , ,	37.4	37.9	33.47	41.5	41.12	41.0	43.4	43.4	4 4	43.4	43.4	49.1	40.1	40.0
GE 200 CCT	46.0	40.3	43.3	41.3	44.0	44.0	44.4	48.5	48.5	40.5	48.5	48.5	49.1	49.1	44.6
GE 1anttl	4.23	40.43	4	42.3	44.0	44.0	44.4	48.5	48.5	42.5	48.5	49.5	49.1	49.1	49.8
SE jerirl	46.3	4.9 • 3	40.3	41.3	44.0	44.0	44.4	48.5	48.5	40,5	43.5	48.5	49.1	49.1	45.8
6E 1475.1	4 3	4 1.5	45.3	41.3	44.0	44.0	44.4	48.5	48.5	40.5	48.5	48.5	49.1	49.1	49.6
OF 127371	4 1. 3	4	4C • 3	41.3	44.0	44.8	44.4	43.5	48.5	40.5	48.5	48.5	49.1	49.1	44.8
9r 170 ch 4	57.3	57.3	57.3	59.4	63.1	63.1	64.2	70.0	79.6	70.5	70.6	72.6	71.3	71.3	72 • D
6E 7 201	5.7.3	57.2	57.3	59.4	63.1	63.1	64.2	70.0	73.6	7 - 6	73.6	70.6	71.3	71.3	72.D
61 anuli	57.1		57.5	59.4	63.1	63.1	64.2	75 • C	70.6	76	73.5	73.6	71.3	71.3	72.0
6E 7 6 1	57.3	57.3	57.3	59.4	6 7 • 1	63.1	64.2	70.0	73.6	7 ~ . 6	72.6	70.5	71.3	71.3	72.0
6E 60031	57.3	5 . 3	57.3	59.4	63.1	63.1	64.2	73.5	73.6	77.5	73.6	73.6	71.3	71.3	72.0
of 50000a	5.7.1	57.7	57.7	59.7	63.5	63.5	64.5	75.3	71.0	71.7	71.0	71.5	71.7	71.7	72.4
of 45 l	51.1	51.0	55 · J	60.1	63.8	63 • A	64.8	70.6	71.3	71.3	71.3	71.3	7.0	72.0	72.7
CE 45551	67.1	5.1.1	o(°•1	62.1	56.2	65.2	67.2	73.0	73.7	77.7	73.7	73.7	74.4	74.4	75.1
ČE 35 1	61.1	61.1	61.1	63.1	67.;	67.2	68 • 3	74.1	74.7	74.7	74.7	74.7	75.4	75.4	76.1
CF 3 10 11	61.5	J 1 + d	61.5	6 * a P	67.9	67.9	69.9	74.7	75.4	75.4	75.4	75.4	76.1	76.1	76.8
		,		65.2	69.3	69.3	72.3	76.1	75.8	75.6	76.8	76.8	7		78.2
0L 20.3 L 0E 2.331	6.3.5 63.5	.a	62.0		71.7	71.7	73.4	79.2	79.9	79.9	76.8	90.2	77.5 FD.9	77.5	
56 12 I	, u	64.2 64.5	64 • 2 64 • 5	67.6 68.3	72.7	72.7	74.4	80.2	00.5	80.9	91.2	81.2	61.0	89.9 81.9	61.6 62.6
15 (*)	54.5	54.5	64 • 5	68.6	73.5	73.0	75.:	8D.9	P1.6	81.5	21.4	81.9	P 2 . 6	62.5	93.3
d id	6.600	5/	66.7	71.7	76.1	76.1	78.2	84.7	24.6	64.6	85.0	95.0	95.7	85.7	86.3
(L 1/5)	57.	5 F • ?	th • 3	73.€	17.5	77.8	79.9	86.3	87.0	e 7 • 4	P7.7	97.7	08.4	88.4	89.1
(i) o '(67.5	5 5 + 3	6r . 3	7 - • €	77.5	77.8	79.9	36 . ?	87.C	07.4	£7.7	87.7	98.4	88.4	89.1
GF 9 II		to 3 etc	60.0	77.5	77.3	16.2	80.5	97 · C	97.7	5 ° • 1	9.4	7B.4	99.1	69.1	89.8
uf 7 m j	1.3.5	,	56.7	73.7	78.2	78.5	31.9	37.4	99.1	6 F . u	-3.7	38.7	P9.4	87.4	90.1
of Cult	6.5	54.3	€9.5	74.4	19.2	79.5	92.€	89.4	୧୮•1	91.1	91.5	91.c	2.50	35.5	92.8
A 5 11	65.9	59.7	69.3	74.4	74.2	77.9	€3.6	90.4	01.5	72.5	93.2	93.2	73.7	93.9	94.5
GF 4 C}	64.9	59.5	69.3	74.7	79.5	80.2	84.J	90.8	92.2	47.2	23.9	93.7	95.2	95.2	95.9
(d) 7, 21	5 : 5	51.5	69.0	74.7	75.5	ā1.2	85.5	91.8	33.2	94.	25.2	95.6	97.3	97.3	98.0
ا من ≎ ا	67.9	59.3	69.3	74.7	7 5 . 9	81.2	A5. (92.2	93.5	44.5	95.5	75.7	97.6	47.6	98.3
6E I."	F + . 4	5 2 . ?	69.3	74.7	19.9	o1 .2	85.	+2 . 2	93. r.	74.5	95.6	95.9	00.0	39.C	100.0

6E 1 63.9 69.3 69.3 74.7 79.0 81.2 85.6 92.2 93.5 90.5 95.6 95.9 99.3 99.0 100.0

TOTAL NUMBER OF ORSCHAMMANTS: 273

GLOEAL CLIMATOLOGY FRANCH USAFETAC AIR WEATHER SERVICEMMAC

PERCENTAGE EREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 275951 STATION NAME: KAZAR USSR PERIOD OF FECORD: 78-87 MONTH: MAR FOURSILSTI: 0330-0500 UTF MILES

GE GE
1 3/4 VISIBILITY IN STATUTE MILES CETLING GE GE GE 2 1 1/2 1 1/4 TH I FEET I UE GE GF 3 2 1/2 Ul. GE o GŁ 1/2 10 5/8 5/16 1/4 0 47.8 NO CETE ! 36.4 3(.5 36.9 39.5 41.4 41.9 43.9 38.2 47.9 43.5 45.5 9.00 50.0 51.5 64 20224 . 3 31 ... 38.2 43.5 50.8 50.F 51.2 51.5 52.8 50.8 50.8 50.8 43.5 43.5 43.5 50.8 50.8 51.5 51.5 51.5 68 .80131 68 10 1031 68 14 561 34.0 33 . . 47.0 43.5 45.5 5 D . B 5 m . q 5 m . q 51.5 52.8 . 3 3400 51.2 51.2 3 n · 2 3 8 · 2 3 8 . 2 5 8 . 2 30 . 2 40.9 43.5 45.5 50.8 50.8 51.5 51.5 45.5 38 . 2 42.9 43.5 50 · b 50.8 UE 180001 4 7. 8 49.0 49.5 53.2 51.1 57.1 61.1 67.4 67.8 4.7.2 67.8 69.1 68.8 70.8 90001 60001 70001 47.0 67.5 27.3 ōΕ . 3 47.6 49.5 53.2 57.1 57.1 61.1 67.4 68.1 69.9 68.8 70.8 53.2 53.2 53.5 67.8 68.8 GE . 3 49.8 40.8 57.1 57.1 61.1 67.4 47.5 67.8 68.1 68.8 70.6 49.0 42.6 49.3 49.4 57.8 57.9 67.8 68.1 f A . A 68.8 68.1 50 . 2 61.5 67.8 68.1 50071 45001 45001 35001 36001 69.1 70.1 . 3 51.2 51.2 51.2 58.5 58.5 62.5 68.8 69.1 70.1 72.1 54.5 69.1 51.8 51.2 51.8 57.2 62.5 6 F . A 69.1 70.1 69.1 69.4 73.1 71.1 70.1 72.1 51.2 54.5 56.5 . 3 51.8 52.2 59.5 59.8 59.5 59.8 59.9 70.1 73.1 UL 63.5 73.4 71.1 73.1 73.4 63. € 3 3 . . 53.2 56.5 65.A 71.4 71.4 71.4 71.8 72.4 74.4 25004 27001 15071 15071 55.5 68.1 69.4 74.5 74.0 75.1 76.7 75.7 77.4 75.7 77.4 77.7 1.5 55.5 50.5 63.8 63.8 74.4 74.4 15.7 GE 76.1 76 · 1 76.4 55.5 56.5 60.5 64.8 64.3 65.4 5 7. 1 57.1 65.4 70.4 16.7 77.1 77.7 78.1 7a.7 78.7 80.7 $\frac{6}{6}$ 1 • 1 79.1 51.1 87.1 82.1 58.5 59.5 79.1 80.4 91.1 81.1 P3.1 91. 84.1 70.4 76. i 82.7 93.1 E 3 . 4 94.7 ó ∷•¹ 9.1.0 6J • 5 65.4 76.1 83.7 86.7 9 (1) 8 (0) 7 (0) 6 (1) 71 • 1 7 1 • 1 71 • 4 76.7 76.7 77.4 .3 f 1.1 51.1 51.1 65.8 84.4 54.7 85.4 85.4 (»F 51 • 1 61 • i 75.8 75.8 05.7 35.C 86.0 86.0 88.0 51 25.3 P6.0 86.0 88.0 83.7 υĽ 86.4 90.3 90.0 92.0 e , ; ; 99.4 (, E . 3 61.0 62.0 72.9 73.1 80.1 87.0 88.0 97.6 93.4 91.0 91.0 93.0 5 : . : 67.4 6 (1) 2 (6) 2 (7) • ? 52.1 52.1 52.1 67.8 67.8 67.8 99.7 92.0 91.5 93.7 91.0 12.4 03.0 93.0 95.0 73.8 68.4 72.3 61.4 62 • 1 62 • 1 72.8 72.6 74 • 1 74 • 1 81.7 81.7 38.7 90.7 94.4 96.3 97.7 93.7 94.4 62.1 60.1 94.4 95.7 65 1 31 89.1 93.7 94.4 91.0 97.4 43.7 96.3 96.3 100.0

TOTAL NUMBER OF ORSERVATIONS: 341

GEORAE CLIMATOLOGY 35 ANCH PENCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY USAFLETAC FROM HOURLY OBSERVATIONS AIR REATHER SERVICEAMAG

STATION NUMBER: 275957 STATION NAME: KAZAN USSR

PESIDU OF RECORD: 78-67
MONTH: MAP HOURS(LSI): 0600-0800

										MONTH			(LST):		
CE IL ING	• • • • • • • •	•••••	• • • • • •	• • • • • •	•••••			IN STATE			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••••
19 (66	LE.	GE	ĿF	GL	Ŀξ	GE	GE	GE	GE	Ci.	GE	Gε	GE	GE	ь٤
FEET 1	1 6	5	4		2 1/2			1 1/4	1	7/4	5/8	1/2	c/16	1/4	0
	• • • • • • • •	•••••	• • • • • • •	• • • • • •	•••••	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	••••••
NO CELL 1	2504	25.1	25 🗚	2ª •4	29.8	29.8	31.1	36 • A	37 • 8	je., 6	39.5	40.1	40.5	40.8	43.5
ur garoni	26.4	26.4	20 • 4	26.8	31.8	31.8	33.1	39.0	41.1	41.9	42.8	43.5	43.8	44.1	46.8
CE 18000]	? u • 4	20.4	26 • 4	26.5	31.8	31.8	33.1	34.8	41.1	41 H	42.8	43.5	43.8	44.1	46.8
CE 16'_ni	26.4	25.4	26.4	26.8	31.8	31.8	33.1	35.8	41.1	41.4	42.5	43.5	43.8	44.1	46.8
SE 147071	. 6.4	26.4	26.+4	26 . 8	31.8	31.8	73.1	39 . H	41.1	41.3	42.8	43.5	43.8	44.1	46.8
6E 127671	26.4	26.4	76 • 4	26.8	31.8	31 • ^p	33.1	39.8	41 + 1	41.0	42.5	43.5	43.8	44.1	46.8
ac lanual	39.1	3.00	39.5	42.4	47.2	47.2	47.5	58.5	60.9	67.5	63.5	64.2	54.5	64.9	67.9
GE 9.01i	79.1	19.5	39.5	47.3	47.2	47.2	49.9	58.5	60.9	62.5	63.5	64.2	64.5	64.9	67.9
GE 6:501	39.1	33.5	39 . 5	43.8	47.2	47.2	49.8	58.5	60.5	. 7 . 5	63.5	64.2	64.5	64.9	67.9
51. 7mosl	39.5	30.€	39 • 8	41.1	47.5	47.5	53.2	59.9	61.2	t. 🕏 💌	63.9	54.5	64.9	65.2	68.2
or event	39•€	4 ; . 1	46 • 1	41.5	47.6	47.8	50.5	59.2	€1.5	67.2	64.2	64.7	65.2	65.6	68.6
aE 5100‡	9.5 €	41.1	41.1	42.5	46.6	48.6	51.5	62.2	42.5	64.2	65.2	65.9	66.2	66.6	69.6
6E 45 63 1	41.1	41.5	41.5	42.P	49.2	49.2	51.5	60.5	62.9	64.5	65.6	66.2	66.6	66.9	69.9
6E 40U0}	42.5	4 ? . 5	42.8	44.5	50.8	50.9	53.5	62.2	54.5	66.2	61.2	67.9	68.2	68.6	71.6
GE 35.00T	42.8	4 3 . 1	43.1	44.9	51.2	51.2	53.8	62.5	64.9	66.6	67.6	68.2	68.6	68.9	71.9
UE 37 60 1	4 3+ =	4.9 + 2	44 • 1	45.5	5 2 . 5	52.5	55.2	63.9	66.2	67.9	60.5	69.6	70.2	70.6	73.9
06 25 cml	44.	45.2	45.2	46.3	53.5	53.5	56. ż	65.2	67.5	69.2	70.2	73.7	71.6	71.9	75.3
UE 21011	49.0	45.	46.46	43.2	54.8	54.2	57.5	56.6	68.9	7~.7	71.9	72.6	73.2	73.6	76.9
6E 45371	40.2	45.5	46.5	48.5	55.5	55 • 5	58.2	67.2	60.6	71.5	72.6	73.2	73.9	74.2	77.6
65 15 c7 i	47.8	4 4	48.2	57.2	57.5	57.5	50,2	69.2	71.6	77.5	74.6	75.3	75.9	76.3	79.6
05 12 FT	49.5	d 3 * 5	49.3	52.2	5 C • 2	60.2	62.9	12.2	74.5	74.0	77.9	78 • 6	79.3	79.6	92.9
68 17 J. l	5.,.0	51.2	51.2	5,8.5	61.9	62.2	65.2	75.3	77.9	75.9	80.9	81.5	92.3	82.6	86.0
6F 9 .31	e	51.2	51.2	53.5	61.9	62.2	55.2	75.3	77.9	79.9	80.9	81.6	92.3	82.6	86.3
55 2 1	.1.2	51.	51.5	54.2	52.9	67.2	65.2	76.3	78.9	97.0	A1.9	82.6	P 3 . 3	83.6	87.D
66 7 H	* 1.2	51.5	51.5	59.2	62.9	67.2	66.2	76.3	7	20.0	A1.9	82.6	03.3	83.6	87.0
ot 7.074	52	51.5	51 + 5	54.2	62.9	63.2	50.6	76.9	79.6	51.7	P.2.9	83.6	°4.3	84.6	88.0
οE ' 11	51.5	5 ;	51.0	54.5	63.5	03.9	67.2	77.6	RG.9	37.6	P4.6	35.3	٥6.٦	86.3	89.6
05 4 Jel	51.0	5::-	26.6	55.2	54.5	64.5	58.2	79.5	P3.6	54	87.3	88.0	£3.6	69.0	92.3
JE 7011	- 1.0	52.3	62.2	55.2	64.2	64.9	68.9	80.9	26.7	70.3	99.3	93.0	91.0	91.3	95.0
66	51.5	12.2	52.2	55.2	64.2	64.9	58.5	81.3	85.6	K = 6	93.0	91.0	92.6	93.0	96•7
GE EPİ	91• €	92 •2	52.2	55.2	4.4.2	64.9	68.9	81.3	P5.6	86.6	90.3	91.3	93.0	93.6	99.3
эE. " I	54.0	9) • [52.2	55.2	54.2	54.9	68.9	81.3	95.6	86.6	90.3	91.3	93.0	93.6	100.0

TOTAL NUMBER OF OPSERVATIONS: 209

GLOBAL CLIMATCLUGY BRANCH USAFLTAC AIR HLATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF OFFILING VEHOUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:										162100 H1110H	: MAR	HOURS	(L'II):	0909 -1 1	20
CEILING	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••		BILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
IN LOE FEET 1 12	rgF E	SE	6 E 4		CE 2 1/2	G E	65 1 1/2	GE 1 1/4	6 E 1	6. E 7 / 4	Gς 57ε	GE 1/2	35 5716	GE 1/4	GE G
NO CETA I			29.7	32.5	36.6	 36.6	37.4	4 . ,		47.1;	44.0	44.3	44,3	44.3	44.7
													_		
LE 130 COT	32.0	3 5 •	23	35.7	4 (• 3	40.3	41.8	4	45 . C	45.4	49.1	49.5	49.5	49.5	49.8
of larcel	0	33	.3• ,	35.9	4 3	40.3	41.5	45.1	48.0	46.4	49.1	49.5	49.5	49.5	49.6
06 16∩301 66 14 13 1	1	33.0	33 e ú 33 e ú	35.9	45.3	40.3	41.5 41.5	45.1	48.9	46.4	49.1	47.5	49.5	49.5	49.8
	12.0			35.9	46.3	4 C • 3		45.1	48.5			49.5	49.5	49.5	49.8
6E 12 JOI	72.0	33.	33	35.9	45.3	40.3	41.5	45.1	48.0	46.4	44.1	49.5	49.5	40.5	49.8
UE 157501	45.1	44.2	40.2	52.0	59.0	59.0	63.4	67.4	71.1	72.2	71.7	74.0	74.7	74.7	75.1
CE 97 JG	45.1	45	46	52.0	59.0	59.0	63.0	67.4	71.1	12.2	73.3	74.3	74.7	70.7	75.1
UC 81 574	4 5 . 1	45.00	46.6	52.0	59.0	59.5	63.C	67.4	71 • 1	17.2	73.3	74.3	74.7	74.7	75.1
6E 70501	4 5. 1	46.	46.2	52.0	54.3	50.0	63.0	67.4	71.1	77.	73.3	74.3	74.7	74.7	75.1
GF 6.CTI	45.1	45.2	46.2	52.0	59.6	59.5	63.0	67.4	71 - 1	72.3	73.3	74.0	74.7	74.7	75.1
6E 33'6")	45. :	41	46 . 7	53.7	59.7	59.7	63.7	5 و عن	72.2	77.3	74.4	75.1	75 • 8	75 - 8	76.2
(E 4° , 1	45.0	46.4	46.7	52.7	59.7	59.7	63.7	68.5	72.2	77.3	74.4	75.1	75.8	75.8	76.2
GE 41 001	46.6	47.3	47.5	53.1	6 C • 1	60.1	64.1	68.9	72.5	77.6	74.7	75.5	76.2	76.2	76.6
GE 35 (31	47.3	44.4	48.4	54.2	61.2	61.2	65• ć	70.3	74 . C	75.1	76.2	76.9	77.7	77.7	76.0
JE 37 (1)	4 4 . 7	9.7.5	49.8	55.7	62.6	62.6	67.5	71.9	75.5	11.5	71.7	78.4	79.1	79.1	79.5
Ob. 36 Cal	4 5	p 1.5	50.5	56.4	63.4	63.4	67.8	12.5	16.2	77. *	78.4	79.1	79.9	79.9	8 O • 2
66 0 UST	55	51.6	51.5	57.5	64.5	64.5	68.9	74.0	77.7	10.9	79.4	80.6	P1.3	01.3	A 1 . 7
6E 28 33	50.5	51.6	51.6	57.5	64.5	64.5	68. 5	74. ^	77.7	15.9	79.9	87.6	91.3	81.3	P 2 . 1
6E 17 G34	51.3	52.4	52.4	53.2	65.2	65.2	64.6	74.7	78.4	74.5	A7.6	81.3	P2.1	82.1	F 2 • 8
6E 12501	5 ↓• €	52.7	52.7	59.6	5 € • 3	66.3	71.1	76.6	2.0	31.3	62.4	83.2	P3.9	61.9	84.6
6E 1 101	٠	93.1	53.1	50.3	67.4	67.4	72.2	77.7	P1.3	स्ट.म	27.5	94.2	F5.3	75.0	85.7
SE 97 F	5	5 7 . 1	5.3 - 1	59.3	67.4	67.4	72.2	77.7	91.3	4 ٠٠٠	83.5	34.2	95.0	85.0	85.7
RE FOLL	5.2.7	5	53.5	67.1	69.1	68.1	72.9	78.4	92.1	67.7	44.2	85.0	25.7	85.7	96.4
0E 7.001	53.1	54 **	54 . 0	67.8	56.9	68.9	74.3	79.5	23.2	#4 . <u>?</u>	45.3	86 • 1	80.8	66.8	87.5
oF 5.01	5.3+5	5 € • €	54 + 5	61.2	7 4 . 4	71.6	77.7	03.5	27.2	is \$. €,	57.7	93.5	21.5	+1 • 2	91.9
CE F FI	F 2. 1.	.4.5	54.6	61.2	1:.4	71 • E	77.7	53.9	P7.5	85.0	90.1	90.5	01.6	91.6	02.3
CE 4 7 1	5 3.5	54.6	54.6	61.2	71.4	71.5	77.7	05.3	97.1	91.9	93.6	73.9	94.5	94.5	95.2
0E 7.7]	53.5	54.6	54 . 5	61.2	71.4	7 1 . A	77.7	85.5	30 • b	37.4	94.5	95.2	¢6+3	96.3	97.4
GE TIFE	C 4. 5	54.9	54 . 5	61.5	71.6	72.2	79.	05.7	91.2	97.8	35.6	96.3	97.4	97.8	99.3
6E : "I	5.3.0	54.4	54 . 7	0.1 • 5	11.0	12.2	79	á5•7	91.2	93.4	35.6	76.3	97.4	97.8	99.3
6E 1	53.€	54.9	54.,	61.5	?;,6	72.2	78.J	55.7	01.2	93.8	95.€	96.3	97.4	97.8	100.0

TOTAL NUMBER OF OPSERVATIONS: 073

GLOPAL CLIMATOLOGY OF AUCH LSAFLIAC ATR ALATHEP SERVICE/MAC

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PERCENTAGE FREWLENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY $\sigma_{d} s_{g}$ ryptions

PERIOD OF PECORD: 78-87 STATICK NUMBER: 27595" STATION NAME: KAZAN USSK HOURS (LST): 1200-1400 MCSTH: MAR EILING "TSTPILITY IN STATUT "TIES CEILIAL ۲٠ 6E 6* 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE IM GE , G £. GE 1/4 IN | FEE1 | r/16 1/2 NC CETE ! 36.7 39.7 41.4 41.4 42.1 43.8 44.1 44.4 44.4 47.5 47.5 47.5 10.6 10.6 10.5 50.8 50.8 50.8 of thirds! 47.5 [0.5 17.5 10.5 57.9 57.9 57.0 41.1 41.8 41.0 44.1 48.1 50.2 r U • 8 50.R 50.8 50.2 41.0 41.0 44.1 50.8 6E 16"...() 48.1 50.8 41.1 41.5 50.8 41.1 41.5 44.1 47.5 48.1 50.8 5-.8 50.8 50.8 140001 41.1 44.1 47.5 47.5 48.1 50.5 53.8 50.8 50.6 59.0 41.0 50.2 50.5 50.8 9.8 50.8 SE 12 701 41.1 41.6 44.1 47.5 47.5 48.1 50.8 10001 91 01 87 21 77 21 67 01 71." 56. 55.0 65.7 67.7 77.0 71.7 71.7 72.1 67.9 66.0 71.7 72.1 50.4 72.1 56.9 70.0 70.0 70.0 71.0 71.0 72.1 72.1 72.1 72.1 72.1 72.1 56.2 € 5 . 7 66.7 67.7 56., 72.1 67.7 56.7 56.7 60.9 65.7 71.7 71.7 71.7 71.7 71.7 72.1 72.1 s.E 56.2 66 .C 'nΕ 56.2 56.9 65.0 67.7 71.5 56.5 56.9 67.5 65.7 66.0 67.7 71.7 71.7 72.1 77.7 77.4 60.301 71.7 72.1 72.7 72.7 73.4 72.7 73.1 G.E . 3 56.6 57.2 57.2 €1.3 66.3 66.7 68.7 73.1 73.1 50 30 A 45 72 B 41 40 B 35 47 B 30 45 B †7.2 57.9 72.7 56.6 61.0 67.0 UΕ . 3 66.7 63.7 72 • 1 72 • 7 73.1 73.1 73.7 73.1 73.7 57.7 61.3 62.0 6ŧ 5 7.2 69.4 71.7 73.7 77.4 51.9 5 1.2 57.9 67.3 67.4 71.7 72.7 73.4 73.7 73.7 73.7 75.1 25 (6) 2 (7) 18 (8) 15 (6) 15 (6) υ£ 59.1 50.3 €0.3 69.4 69.7 71.7 74.1 75 - 1 77 - 8 75.9 75.5 75.8 76.1 76.1 76.1 1,1 61.6 63.6 66.3 72.1 72.4 74.4 75.8 76 . 8 78.5 77.5 79.5 79.8 78.8 Pg.1 78.8 76.8 63. .. 51.6 15.4 79.1 60.1 80.1 ьE 78.1 ti£ £ 5.1. 55.7 65.7 69.7 75.4 75 .8 77.6 -1.4 R1.6 8.16 F2.2 82.2 52.4 72.1 78.5 υE tite 1 66.00 78.1 82.5 52.9 24 . F 85.2 84.5 65.5 85.5 1 ...| 0 .3| 0 .5| 19.7 61.8 91.8 92.5 63.2 P7.5 99.9 76.7 75 - 1 82.2 84.2 55.4 89.2 69.9 89.9 86.5 82.2 87.2 63.5 40.0 40.0 40.0 69.7 75.7 75.1 75.8 1,1 9.70 89.2 89.6 90.Z 90.2 84.5 66.9 90.2 45 71.4 45.4 88.7 29.2 97.6 97.9 71.6 91.6 91.6 95.3 1201 71.4 15.8 89.6 91.2 91.9 91.9 F 6 . . 58 . 6 U. 7:.1 75.4 3 3 • d 87.9 91.6 93.3 5.174 70.4 70.4 7 7 . 1 96.3 97.6 96.0 98.0 72.1 74.4 64.2 88.6 91.6 92.6 74.7 74.9 95.3 96.0 7:.1 7:.1

90.6

46.3

76.3

46.7

23.9

94.6

94.6

94.6

94.6

96.3

97.0

27.0

97.5

97.6

97.0

97.6

97.6

47.6

97.6

28.3

28.3

98.3

98.3

99.7

99.0 99.0

99.0

98.0

99.0

99.7

100.0

100.0

TOTAL NUMBER OF USSERVATIONS: 237

77.4 72.4

72.1

12.1

72.1

77.1

77.1

77.1

77.1

72.1

72 . .

72.1

74.1

73.4

84.5

24.5

34.5

94.5

8.45 8.46

94.9

84 .8

64.5

89.6 89.9

89. 9

89.4

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92.5

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GLOWAL CLIMATOLOGY HRANCH USAFETAC AIR ALATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY TROB FOURLY $\sigma_{D} s_{E} r various$

STATION NUMBER: 275057 STATION NAME: MAZAN USSR

FERTOL OF RECORD: 78-87

												MCUTE	: MA5-	HOURS	(LST): :	1530-17	C.C.
	Line	• • • • •	• • • • • • ;	• • • • • • •	• • • • • •	• • • • • • •	•••••			IN STATE			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
1		GE	53	6 E	65	GE	GF	GE	GE	66	GE	C.F	51	G E.	GE	GE	GE
	ËT I	1 0		,,	4		2 1/2		1 1/2		1	-/4	5/5	1/2	5/16	1/4	้อ
64	CEIL		4 3. 7	44.	44	44.7	46.3	48 .C	46.3	46. ?	46.3	46.2	46.3	46.3	46.3	46.3	46.3
1.4	Sumuel		45. 7	49.7	47.7	50.3	52.7	52.7	53	53.7	53.7	57.7	53.7	53.7	53.7	53.7	53.7
	ishuni		4 5. 3	40.7	49.7	55.3	5 7	52.7	53. L	53.7	53.7	57.7	53.7	53.7	53.7	5 7 . 7	53.7
	16 321		49.3	49.7	49.7	57.3	52.7	52.7	5.3 • (53.7	53.7	57.7	53.7	53.7	r. 3 . 7	53.7	53.7
	147001		4 1. 3	49.7	49.7	50.3	52.7	52.7	53.0	53.7	53.7	57.7	53.7	53.7	53.7	57.7	53.7
	12 (3)		4 4 . 3	49.7	49.7	57.3	52.7	52.7	53.0	53.7	53.7	, , , 7	53.7	53.7	53.7	53.7	53.7
	100 491		64.5	64.7	64.7	67.3	77	70.7	71.7	73.7	74.5	74.0	74.5	74.3	74.0	74.0	74.0
ta E	9		€ 4.3	64.7	64.7	67.3	76.7	75.7	71.7	72.7	74.5	74.5	74.0	74.7	74.0	74.0	74.0
51	67.07		64.3	64.7	64.7	67.3	70.7	70.7	71.7	73.7	74 • 🖰	74.0	74.0	74.7	74.0	74.0	74.0
Ŀŧ	7 1001		€4.7	54.7	64 . 7	67.3	7 L • 7	70.7	71.7	73 • 7	74.0	74.0	74.0	74 • 1	74.0	74 . C	74.0
ι£	6701		64.3	54.7	64.7	67.3	7 (• 7	70.7	71.7	73.7	74.0	74.0	74.7	74.0	74.0	74.0	74.0
ь£	5 - 2 11		€9•4	35.3	65 • 3	69.0	11.3	71.3	72.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7
UΕ	u l		65.	55.4	05.3	69.0	71.3	71.3	72.3	74 . 3	74.7	14.7	74.7	74.7	74.7	74.7	74.7
UE	4 36		67.3	67.7	67.7	77.7	74.6	74.0	75.0	77.0	77.3	7	77.5	77.3	77.3	77.3	77.3
64	31 001		57.3	57.7	67.7	77.7	74.C	74.0	75. U	77.0	77.3	1:	77.3	17.3	77.3	77.3	77-3
υ£	30 66		7 C • 3	17.7	73.7	73.7	77.0	77.0	78.0	80.0	P).3	91.3	2	90.3	PC.3	a0.3	8 U • 3
							-						• •				
t, E	25 .74		71.7	7 ? • ".	12.3	75.	19.7	79.7	79.7	61.7	P 2 • C	- 3 - D	32.0	82.7	02.0	62.C	9 2 • D
υE	2 .31		74.0	74.3	74 . 5	77.1	5 1 · Ĺ	31.0	8 2 • U	84.5	94.3	70.2	нч.3	84.3	94.3	94.3	84.3
üŧ	13.301		74.7	75.	75.0	78.3	81.7	81.7	82.7	84.7	95•0	35.	9 2 . 4	65.7	95.g	85.g	85.0
∿E	: [.]		75.0	76.	76	70.3	83.0	83.S	84.0	66.7	97.5	37.0	37.5	87.0	07.3	37.0	87.0
GE	10001		76.3	17 • 3	77 • 3	63.7	R 4 . 7	64.7	85.7	65.7	89.0	49.7	89.3	37.3	99.3	89.3	P9.3
υ£	10011	. ?	7 2 . 7	79.7	79.7	8 * . 3	37.7	e7.7	99.0	92.7	92.0	,,,,	93.3	93.3	93.3	93.3	93.3
SE	6	. 3	75.7	79.1	79.7	67.3	P 7.7	87.7	99.0	92.7	93.0	ýz.n	9 1 . 3	93.3	73.3	93.3	93.3
1.E	элсі	. 3	7 7. 0	6 m •	83.0	80.0	98.7	88.7	97.0	93.7	34.5	94.7	24.3	94.3	94.3	94.3	94.7
C.E	7	. 7	77.3	50	80.0	n4 • 0	ë o • 7	89.7	90.3	94.5	24.3	74.7	94.7	94.7	94.7	94.7	95.0
G.F	e ni	. 3	73.	37.3	8i J	64 • B	88.7	88.7	91.0	95.	25.3	, , ,	76.1	95.0	76.J	96.0	96.3
																	• .,
Ģ€.	5,11	• 3	15.	67.	нс∎о	84.0	3.98	6.0 ه	91.3	96 • €	90.3	96.3	97.0	97.0	97.0	97.0	97.3
ьE	4	• 3	75.	8 1.0	н.,	54.0	69.3	89.7	91.3	96.	36.3	36.7	97.3	97.3	97.3	97.3	97.7
6.5	-4.21	• 3	7500	15 ec	31. 4.2	44.5	89.3	87.6	01.3	96.0	96.7	97.0	37.7	97.7	97.7	97.7	98.0
ĿΕ	1	• 7	7 200	8 7 . 0	1000	F4.0	89.0	83.0	91.3	96.	27.0	\$7.7	93.3	98.7	96.7	99.0	99.7
Ģ€	1 1	• ?	73	37.	90.00	H4.0	33.6	89.0	91.3	96 • €	33.0	97.7	98.3	99.7	98.7	30.C	100.0
C.E.	1	. 3	7 % . :	я~.	AL 10	84.3	99.0	89.5	91.2	46.7	27.0	,7.7	98.3	98.7	98.7	99.0	100.0
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					· · · · · · ·												

TOTAL NUMBER OF OPSERVATIONS: 300

CLOSAL CLIMATOLOGY ERANCHUSAFEYAC AIR WEATHER SERVICEZMAC

PERCENTAGE EREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION IN											1107-114	: MA:		(LST):		00
EILING		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •			IN STATE			• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •
	1.6	6£	t. E	GE	GE	GF	GE	ĞΕ	6E	GE	ri.	Gi	GŁ	6 F	GE	65
FEET 1	10	•	ŕ	4		2 1/2		1 1/2		I	7/4	5/0	1/2	c/16	1/4	Ü
• • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •
16 CETE 1		41.9	41.7	41.5	42,6	4 2.6	43.6	43.6	43.6	43.6	43.6	44.3	44.0	44.3	44.3	44.3
ne conste		47,:	47."	47 - 3	48.1.	50.0	50.0	53.6	50.7	50.7	57.7	51.0	51.0	r 1 • 3	51.3	51.3
JE JACOCK		4 7.1.	47.0	47.J	48.5	50.0	50.0	50. ↓	50.7	50.7	57.7	51.0	51.0	5.1.3	51.3	51.3
JE 167401		47.6	47.0	47.0	48.0	50.0	57.0	59.0	50.7	56.7	50.7	51.0	51.0	51.3	51.3	51.3
E 14" uS1		47	47.0	47.0	44.0	50.0	5C • 9	50.0	50.7	50.7	37	51.0	51.0	51.3	51.3	51.3
JE Alamani		4 7.	47.,	47.5	48.0	50.0	50.0	50. C	50.7	° 0 • 7	57.7	51.5	51.0	^c 1.3	51.3	51.3
at incur		63.0	6 5 . 2.	63.8	€5.4	6.8.5	69.5	67.1	70.8	70.8	7 ~	71.5	72.1	72.5	72.5	72.5
FE 97733↓		63.E	63.5	63.0	65.4	66.5	68.5	69.1	70.3	70.€	7~.4	71.5	72.1	72.5	72.5	72.5
accol		6.3.4	63.8	63.8	65.4	68.5	68.5	69.1	7 N . 9	7D • 8	77.4	71.5	72.1	72.5	72.5	72.5
JE 77 LS↓		6 J. b	63.8	63.5	65.4	55.5	68.5	69.1	10 • 6	70 • 6	70.0	71.5	72.1	72.5	72.5	72.5
of 61 of 1		6.3.	6 1.44	63.4	65.4	68.5	69.5	69.1	70.8	7g.s	7~.0	71.5	72.1	72.5	72.5	72.5
GE STUDY		64.1	64.1	64.1	65.8	6.8.8	68.8	69.5	71.1	71.1	71.1	71.P	72.5	72 · H	72.8	72.8
SE 45. 1		54.4	64.4	64.4	65.1	59.1	69.1	69.€	71.5	71.5	71.5	72.1	72.8	73.2	73.2	73.2
GE 47 10 F		66.1	6 f - 1	66.1	69.1	71.1	71.1	71.8	73.5	73.5	7 2 . 5	74.2	74.8	75.2	75.2	75.2
SE 27 -01		67.1	67.1	67.1	69.1	72.1	72.1	72.8	74.5	74.5	74.5	75.2	75 • 8	76.2	76.2	76.2
of shant		6 # - 5	6 អ • ខ	66.8	7:3 • 8	73.8	73.8	74.5	76.2	76.2	75.	76.5	77.5	77.9	77.5	77.9
A 211		7:.6	71.5	71.5	73.5	76.5	76.5	77.2	78.9	78.9	7:.3	79.5	30.2	₽0.5	57.5	80.5
liur . Bu		73.6	13.2	73.2	15.2	7 t • 2	78.5	79.5	81.2	91.2	61.2	21.9	82.6	R2.9	82.9	R 2 . 9
3E 28 27 L		7 ∄• 6	7 ₹ • ₽	73.0	75.8	70.2	79.5	80.5	82.6	82.6	67.6	93.2	33.9	94.2	84.2	84.2
F 15011		75.5	75.5	75.5	77.5	5.1 • 2	61.9	82.9	84.7	84.5	84.9	25.5	86.2	P6.6	85.6	86.6
F 1700		77.0	77.2	77	79.9	83.9	84.6	85.6	87.5	87.9	37.9	88.6	80.3	9.6	89.6	89.6
aE 1 301		76.2	14.5	70.2	51.2	85.6	86.2	87. 9	30.6	07.6	90.4	91.3	91.9	92.3	92.3	92.3
or field		7 ö. 5	78.5	7a • 5	81.5	85.9	86.6	80.3	90.9	95•€	90.3	91.6	92.3	92.6	92.6	92.6
aL 8 77 L		78.9	18.9	78.1	12.2	P € . 6	87.2	99.4	91.6	91.6	+1.6	22.6	93.3	93.6	93.6	93.6
∌£ 7 u. [78.9	74.9	78 . +	62.0	56.6	87.2	89.3	91.9	01.9	71.7	93. 2	94.0	04.3	94.3	74.6
af full		76.9	79.2	79.2	F2 • 7	° 7 • 6	B 2 • 3	90.9	93.6	93.6	93.5	95.5	95.6	96.0	96.0	96.3
it rich		78.5	79.2	19.2	82.9	37.€	89.6	21.3	94.P	94.0	14.7	95.3	96.0	96.3	96.3	96.6
4 20 F		78.9	19.2	74.2	67.7	37.6	33.6	91.3	94.3	04.3	54.3	96.0	97.C	97.3	97.3	97.7
af J. J		7 9	79.2	77.6	87.9	a 7.6	B □ •6	91.3	94.6	95.0	45.7	76.6	97.7	98.3	98.0	98.3
,E		16.9	13.2	79.2	62•9	₽7.6	38.6	91.3	+4.6	75.3	95.3	97.0	98.3	39.3	99.3	99.7
5E 1.01		78.9	77.2	79.2	42.4	8 7 • 6	88.6	91.3	34.6	35.3	95.3	97.0	98.3	79.3	99.3	100.0
1E. 1		74.9	77.3	77.2	87.7	8 7 .6	8.85	91.3	94.6	25.3	25.7	97.0	98.3	99.3	99.3	100.0

TOTAL GEMPER OF OBSERVATIONS: 249

GLOBAL CLIMATOLOGY PROMOT USAFETAC AIR GEATTER SERVICEZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY COSCRYATIONS

STATION NUMBER:	275655	STATION NAME:	KAZAN USER

	r.	٤	12	i	ņ	J		ι	F		i,	Ē.	c	0	Ł	D	:		7	8	-	8	7													
																										•									CC	
Ċ			•	•	•	•	•	•	•	•	•	•	٠	•	•	•	•	•	•	٠	•	•	•	٠	•	•	•	•	•	•	•	•	•	•	••	•

STATION NUFFER;	2 1595	3 1 4 4 4 1		KNZ	IN CZĆK					MONTE	I MAD	FOLRS	-07 (LST): 7	2100_23	na.
			,												••••••
CEILIA o								IN STATE							
In 1 6t	GE.	64	GF	G.E.	GF	GE	GE	6.5	Ŀ€.	SE	l) l	GE	GE	GE	GE_
FEET 10	-	r,			2 1/2		1 1/2		1	7/4	5/0	1/2	5/16	1/4	0
	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • • •		•••••		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •
NO CLIE I	45.2	4 ° . ∠	45.2	46.5	4 2	48.2	49. €	49.8	49.5	40.9	47.9	49.8	49.8	49.8	5 C • 5
66 200 001	47.2	47.2	47.2	44.5	5.1.2	57.2	50. å	52.2	52.2	52.3	52.2	52.2	52.2	52.2	52.8
5E 157601	47.2	4 7 . 2	47.2	48.5	5:.•2	50.2	53.6	52.2	52.2	52.2	5.2.2	52.2	r 2 • 2	52.2	52.8
0E 16. 031	47.	47.3	47.2	49.5	50.2	50.2	50. €	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.8
6E 147501	47.	47.2	47.2	48.5	56.2	50.2	53.5	52.2	52.2	5.7.2	52.2	52.2	52.2	52.2	52.8
UE 125 JOH	41.2	47.2	47.2	43.5	50.2	50.2	53.8	52.2	52.2		52.2	52.2	r 2 • 2	52.2	52.8
6E 100 001	6.2+ 1	63.1	63.1	64.5	67.8	67.8	69.4	70.8	70.8	7 4	73.8	79.8	70.8	70+8	71.4
UE Firm !	€ 2+ 3	n ₹ • 1	63.1	64.3	67.8	67.8	68.4	72.8	70.3	7 ^ • 8	70.8	70.9	73.8	7 C . 8	71.4
u⊾ a∵udl	62.5	53.1	03.1	64.4	57.8	67.8	68.4	7 C • 8	7ე. €	7~.4	70.8	77.8	73.8	70.8	71.4
ادد 7	0.208	53.1	63.1	64.5	67.8	67.8	68.4	70 • B	73.8	7~.3	73.8	79.8	72.3	70.8	71.4
46 / 60 mil	62.5	63.1	63.1	64.8	67.8	67.9	63.4	7ខ្.8	73.€	7~•3	70 • 8	70.8	70.8	70.8	71.4
of shoot	62. "	63.1	53.1	64.9	67.8	67.9	58.4	70.3	70.6	7^.=	12.6	77.8	70.8	72.8	71.4
6E 45.311	62.6	5 3 • i	53.1	64.9	67.8	67.8	68.4	73.9	70.5	7 . 3	70.5	70.9	70.8	70.8	71.4
GE 4 601	54.5	24.3	64.8	66.4	67.4		70.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	73.1
6E 37611	50.1	55.4	65.4	67.1	76.1	59 • 4 70 • 1	71.1	73.4	73.4	77.4	73.4	73.4	73.4	73.4	74.1
6E 30001	67.8	58.1	68.1	67.3	72.8	72.8	73.5	76 - 1	76.1	76.1	76.1	76.1	76.1	76.1	76.7
oc , 001	3 •0	0 . • •	0.7 • •	0,.,		. •5	1 2 4 3	.0.1	.0.1	101	76.1	10.1	.0.1	10.1	70.7
GE 25 at 1	53.6	77.1	70 - 1	71.8	75.1	75.1	76.1	78.4	78.4	72.4	7 . 4	78.4	78.4	79.4	79.1
SE Brock	72.1	12.4	72.4	74.1	77.4	77.4	78.4	aC.7	80.7	s^.7	83.7	91.1	91.1	51.1	81.7
UE 14 . 11	72.4	12.0	72.3	74.4	77.7	77.7	77.1	51.4	91.4	61.4	41.4	81.7	81.7	81.7	82.4
(E 1553)	77.6	7.5 - 1	73.1	74.8	7 9 • 1	78.4	79.7	82.4	92.4	57.4	32.4	82.7	92.7	82.7	83.4
6t 1200 l	75.4	75.7	75 • 7	78.1	51.4	81.7	F 3 • i	66.7	P7.4	57.4	47.4	87.7	87.7	67.7	86.4
6E 11 (3)	77.1	17.4	77.4	73.7	93.4	84.1	86. L	89.7	90.7	97.7	93.7	91.3	91.0	91.0	91.7
6E 9.74	7.7•1	77.4	77.4	77.7	A 2.4	84.1	€6. C	89.7	90.7	50.7	91.5	31.4	31.4	91.4	92.0
6E # 1	7 7 . 1	77.4	77.4	77.7	93.7	84.4	86.4	90.0	91.3	91.0	91.4	91.7	91.7	91.7	92.4
₩ <u> 7</u>	77.1	77.4	77.4	6 3 • 7	84.7	85.4	87.4	91.1	92.0	٠,٠)	25.4	92.7	92.7	92.7	93.4
3E (11)	77.4	7 7 • 7	77.7	ε1.7	a 5 . 7	86.7	89.3	92.7	23.7	94.7	94.7	95.9	95.0	95.0	95.7
GE CULT	77.4	17.7	77.7	81.7	35.7	86.7	a9. u	92.7	33.7	54.7	24.7	95.7	95.7	95.7	96.3
5 <u>5</u> 4 5 1	77.4	17.7	77.7	82.1	36.3	37.5	89.4	93.4	24.4	95.1	95.7	96 • 3	97.6	97.0	97.7
úE TILT	77.4	77.7	77.7	82.1	46.0	37.4	87.7	93.7	74.7	5	96.3	97.3	97.7	97.7	98.3
6E 1231	77.4	77.7	77.7	82.1	8 E • U	67.4	89.7	93.7	25.3	76.7	97.3	93.0	79.7	99.7	99.3
6F 1.11	77.4	11.1	77.7	82.1	95.0	37.4	89.7	93.7	95.3	06.7	97.3	93.7	78.7	98.7	100.0
,			• • •	• •		3		, , ,	,,,			,		. , • •	
5E 1	77.4	7 7 . 7	77.7	P2.1	86.5	87.4	87.7	93.7	95.3	ς r . 7	97.3	98.0	98.7	98.7	100.0

TOTAL NUMBER OF COSSERVATIONS: 331

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VEHSUS VILLETLITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 27575 ' STATION NAME: KAZAN USSR PERIOD OF PECOPU: 78-87 MONTH: MAD FOURS (LST); VISIPILITY IN STATUTE MILES 5 2 1/2 GE GE GE GE CE CE 2 1 1/2 1 1/4 1 7/4 1N | GE GE FEET | 17 G 6E 6/16 1/4 1 1/2 1 1/4 1 7/4 5/6 1/2 NO CEIL ! . 1 37.: 57.3 37.3 18.7 41.2 41.2 41.0 44.3 44.5 45.7 45.2 45.3 45.6 45.6 46.3 50.3 50.3 40.3 4 3 - 5 46.5 42.3 45.0 45.0 45.9 48.9 40.6 49.9 50.0 50.3 51.0 GE 180 L01 GE 190 001 GE 141 L01 GE 120 001 49.6 45.6 . 1 40.3 43.5 40.5 42.0 42.0 45.0 45.0 45.0 45.9 48.9 49.4 49.7 49.9 50.0 50.0 50.3 51.0 45.0 49.4 50.3 51.0 40.3 50.3 . 1 4 4 . 5 42.0 42.0 40.6 40.3 40.5 45.0 45 .C 45.9 48.9 49.4 45.9 50.0 0 1.3 51.0 40.3 45.0 48.9 50.5 40.5 45.0 45.9 53.7 1.0 • 1 GE 130001 GE 9001 GE 80001 GE 7001 70.0 70.0 70.0 70.1 70.1 54.9 55.2 35.2 58.0 52.4 77.7 71.9 62.4 70.4 73.4 71.0 71.1 . 1 64.4 69.6 49.6 62.4 62.4 62.5 73.7 73.7 73.7 55.2 58.0 62.4 68.6 69.6 54.5 54.0 55 . 2 54.4 71.3 71.9 59.0 58.1 58.2 59.6 95.0 51.3 55 • 2 55 • 3 62.4 62.4 70.4 73.4 71.3 71.1 71.9 72.0 . 1 64.4 68.6 71.1 69.6 64.4 68.6 55.4 6.5 62001 . 1 55.0 55.4 62.5 62.6 64.5 79.5 73.8 71.2 71.2 72.1 5100 | 45 00 | 41 01 | 31 10 | 53.7 10.5 71.2 71.3 72.9 63.1 t 7 . 4 71.8 72.3 72.7 ьE . 1 5.5.6 55.4 55.9 63.2 65.2 70.4 71.5 71.9 58.8 60.3 60.9 71.3 72.5 77.7 59.1 57.4 52.0 69.5 71.1 71.6 6E : 1 56 • i 57 . 4 63.3 63.3 70.5 72.1 72.0 73.6 72.9 55.7 57.1 65.3 G.E. 64.8 64.9 66.9 73.5 57.6 . 1 58. 67.5 71.7 73.4 72.7 73.5 73.8 74.2 74.2 75.1 50.6 25 01 • 1 • ! • 1 64.2 68.6 68.8 77.2 51.1 61 • 1 7 7. 9 76.2 77.3 77.7 78.6 66.0 66.6 67.8 C+F 62.3 51.7 62.7 53.3 71.3 70 • 7 71 • 4 75.0 77.3 76.3 79.2 75.3 77.7 77.2 79.6 8g.4 80.0 83.9 80.0 80.9 £0.9 19.31 19.61 17.61 73.8 75.3 78 • 2 79 • 3 . 1 63.4 54.4 64.4 -1.3 82.1 92.6 83.5 69.9 56.1 υL • 1 6.5 . 6 66 . 1 75.1 75.3 77.8 52.6 25.1 05.5 85.6 86.5 1 (0) 6 (4) 9 (1) 7 (1) • 1 87.9 8 A . 4 89.4 71.5 77.0 77.3 87.1 65.3 56.5 87.6 P8.4 67 . .. 7:.5 7:.5 7:.3 67.1 67.4 67.7 77 • 5 78 • 1 97. 50.3 65.5 c 6 . 7 F7.8 88.2 96.7 50. 77.8 f1.3 56.7 F7.4. 85.9 85.5 98.6 99.2 r, E 68 . 1 89.0 99.5 89.5 90.5 90.1 91.1 68.2 39.5 90.0 üί 67.5 J 2 . 4 68.4 72.9 7 5 . C 79.5 99.8 91.6 93.5 4 (1) 73.0 73.2 73.2 73.3 £0.5 59.5 6.1.8 79.2 79.8 83.7 69.2 90.6 91.7 92.5 92.9 93.4 97.5 94.5 87.1 67.3 87.4 90.1 97.6 9.7 47.7 94.7 65 - 1 67. 1 63.5 79.5 84.3 94.5 91.8 93.7 94.5 95.1 45.2 96.2 97.5 57.9 53.5 79.5 75.0 95.6 96.4 °2.6 96.3

24.5

64.5

93.7 23.5

96.3

96.3

96.3

14.4

+4.4

25.6

35.6

77.3 97.6

97.6

97.5

98.8

97.8 100.0

TOTAL NUMBER OF OBSERVATIONS: 2752

adef.

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53.4

56.5

64.5

55 . £

7:.5

79.6

79.6

80.4

86.4

GLOBAL CLIMATOLOGY REANCH USAFLTAC AIR MCATELE SERVICE/MAC

PERCENTAGE FREWDENCY OF OCCURPENCE OF CFILING VEHOUS VIGIBILITY FROM HOUSLY $\theta_0 S \epsilon_0 varions$

STATION NUMBER: 2750	ST STATION NAME:	KAZAN USTR	FEBIOD (

STATION NUMBER			-									JPD: 78		000 0	
		• • • • • • •									• • • • • • •	• • • • • • •	******	4	: BC
CF IL I V.C						V 151	BILITY	IN STATE	JIE MIL	E S					
10 1 01	GŁ.	f, F	ĿΓ	GF.	GE	GE	GE	GE	GE	CE	7.1	GE	JE	GE	GE
FEET I In	-		4		2 1/2		1 1/2		1	7/4	5/6	1/2	c/16	1/4	С
	• • • • • • •	• • • • • • •		• • • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	**********
NO CETE	45.7	4 ° . 7	45.7	47.1	47.0	47.8	48.1	4 = . 1	46.1	40.1	49.4	48.8	49.1	49.1	49.5
GE LETURI	42.4	4 4	48.4	40.8	5 (5	50.5	50.9	53.9	50.9	27.7	51.2	51.6	51.9	51.9	52.2
6E 19/001	4 3 , 4	40.4	48.4	49.8	55	50.5	50.9	50.9	£0.9	خ د د	51.2	51.6	51.0	51.9	52.2
6 E 1€ 401	45.4	42.4	43.4	47.8	50.5	57.5	50.7	50.9	50.9	50.0	51.3	51.6	51.9	51.0	52.2
DE 14 UD1	4 -, 4	4 . 4	मस्य	49.8	50.5	50.5	53.9	20.3	5g.ç	٠٠.5	51.2	51.6	51.9	51.9	52.2
or ishirt	45,6	4 2 . 6	200	40,4	50.5	50.5	50.9	50.0	50.9	50.0	51.6	51.6	51.9	51.9	52.2
														• • •	32
6E 15001	6 7.1	5 .1	67.1	69.2	7 2 . 2	70.2	70.9	71.6	71.6	71.5	72.3	72.3	72.7	72.7	73.0
6E 9.197	67.1	57.1	67.1	69.2	76.2	7 n • 2	73.9	71.6	71.€	71.5	72.0	72.3	72.7	72.7	73.0
OE FIGURE	6 1. 1	67.:	67.1	69.2	70.2	70.2	75.9	71.6	71.€	71.5	72.0	72.3	72.7	72.7	73.C
6E 7 511	57.1	67.1	67.1	69.2	73.2	70.2	70.9	71 • €	71.6	71 • 4	72.€	72.3	72.7	12.7	73.0
UE 6°42↓	61.5	57.5	67.5	69.6	76.6	70.6	71.3	72.0	72.0	10.7	72.3	72.7	73.0	73.0	73.4
OE control	5 % • €	63.6	57 • -	71.6	73.5	73.0	73.7	74.4	74.4	74.4	74.7	75.1	75.4	75.4	75.A
6E 47.31	69.4	6.9.9	69.9	72.3	73.4	73.4	74.0	74.7	74.7	74.7	75.1	75.4	75.8	75.8	76.1
GE 47 UNI		. 6	70.6	72.7	74.4	74.4	75.1	75 . ₽	75 . F	75.3	76.1	76.5	76.8	76.8	77.2
UE 35 CU	75.9	7.1.5	70.9	73.0	74.7	74.7	75.4	76.1	76 • 1	74.1	76.5	75.8	77.2	77.2	77.5
GE SOULT	72.5	73.3	72.3	74.4	76.1	76.1	76.8	17.5	77.5	77.5	77.7	78.2	78.5	75.5	78.9
9E 25.551	74.4	74.0	74 . 5	76.1	77.4	77.9	73.5	72.6	70 .						
GE STOCK	76.1	76	76 . :	70.2	79.9	79.9	83.6	42.0	79.€ °2.€	79.6 52.7	79.9	87.3	°J.6	80.6	91.0
CE 18 COL	76.	76.	76.5	78.9	5 7.6	87.6	61.3	82.7	P2 • 7	67.7	82.4 83.0	92.7 83.4	83.0 93.7	P) • 4	83.7
or 16361	77.2	11.1	77	70.9	E 4 • 7	82.7	23.4	54.9	65.1	5 - 1	F 3 • 5	85.9	P6.2	84.1 86.5	84.4 86.9
ວດີ 1 ປາໄ	70.5	73.5	76.5	91.7	84.8	84.8	35.8	57.9	98.2	0.7	88.6	88.9	99.3	69.6	
- · ·						0.4.		3	, • 2	•	57,0	20.7	44.7	69.6	90.0
6E 11 G. F	79.2	79.3	79.2	62.7	35.8	85.9	87.2	89.3	89.6	45.4	93.0	93.3	93.7	91.0	91.3
uf ≎un	77.2	79.5	79.2	H7.7	8 E . 8	95 • B	87.2	89.3	29.6	32.6	96.0	93.3	23.7	91.0	91.3
CL n	7.4	79.2	79.2	82.7	85.8	85 B	97.2	89.3	3.60	89.5	90.0	70.3	93.7	91.3	91.3
6E 7="1	7 50 2	79.4	79.2	82.7	2.09	₹6.5	83.2	9: 7	21.[91.0	91.3	91.7	92.0	92.4	92.7
at (24)	79.6	79.6	77.6	a ? • U	F6.9	86.9	a8.6	91.5	91.3	91.7	71.7	92.0	92.4	92.7	93.1
									• • •		• • •				/ J • •
bE 5 .1	79.6	79.6	79.6	63.	4 E . 9	87.2	99.3	42.5	92.7	97.7	\$3.4	93.8	04.1	94.5	94.8
tit 4 or 1	79.0	79.6	79.5	53. s	A 7 . 2	87.5	90.3	93.8	94.6	34.4	95.5	75 • 8	96.5	96.9	97.6
6E 2501	7.4.6	75.0	79.6	8 ₹ . €	07.2	67.5	93.7	54.1	25.2	15.5	76.2	96.5	97.2	97.6	98.3
6E 2E31	79.6	19.€	79.5	e 3 • C	€ 7 • 2	A7.5	9 J. 7	94.5	95.5	95.4	95.5	96.9	97.6	97.9	99.0
6E 1701	7 7.€	19.6	74 . €	H 7.∗C	97.2	87.5	9].7	94.5	95.5	Ģ F 🔒 2	96.5	95.9	97.6	97.9	100.0
6€ I	10	10.													
ut I	19.0	79.6	74.0	83.°	×7.2	a7.5	33.1	94.5	99.5	¥* • 5	26.5	96.9	97.6	97.9	100.0

TOTAL NUMBER OF OPERRYTHICUS: 780

GLORAL CLIMATOLOGY GRANCH USAFLTAC AIR WEATHER SERVICEAMAC

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

reminu of recuru: 78-87

STATION NUMBER: 27505 " STATICN NAME: KAZAN USER

31 .		2 ' - '				N OS K					MOSTH	: Apr	ноирѕ	(UST)	300-05	CO
CE IL 1NG		• • • • • •	• • • • • • •		• • • • • •	•••••			IN STATE		•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	C1		6.5	6 F	G F	6F	GE	GE	6.5	<u> </u>	ા હા	Ú.I	GE			r: r
	. GE 10	CE		-				1 1/2			7/4		1/2	GE	GE	GE _
FEE1 1		t	ל	4	,				-	i	.,,4	.5/6		116	1/4	C
		• • • • • •	• • • • • • •				• • • • • • •		• • • • • • •			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	
NO CETE I	٠,٦	44	44.	44.4	4 4 7	46.4	46.4	47.8	4 ô • 1	48.5	43.5	48.0	48.8	49.5	49.5	49.5
DE LUMBIT	. 3	46.4	4 6 4	46.5	48.1	49.8	48.8	53.2	50.5	×1	21.0	51.5	51.5	52.2	52.2	52.2
BE IFFUS!		46.4	46.4	46.0	48.1	46.8	4 . 8	50.2	50.5	51.2	51.3	51.5	51.5	52.2	52.2	52.2
68 .5 621		45.4	4 4	46.8	48.1	4 6 . 6	49.8	5:10-2	5n.5	51.2	51.2	51.5	51.5	52.2	52.2	52.2
CE :4 UU		46.4	41.4	46.4	48.1	4 5 . 8	4 A . 8	50.2	50 5	51.2	51.7	51.5	51.5	52.2	52.2	52.2
			414		42.1	46.8		50.2	50.5	1.2	61.5	11.5	51.5	52.2	57.2	52.2
6E 127,38	• 3	46.4	471.4	46 • E	4001	40.0	48.8	20.5	50.5	110		1.5	31.5	52.2	27.12	: 2 • 2
96 100011	?	63.1	53.0	64.2	66.9	67.9	67.9	69.6	70.6	70.6	7- 6	71.5	71.0	71.7	71.7	71.7
Ut 9=501		6.7• ₺	6 1	64.2	66.9	£ 7.9	67.9	69.6	75.0	70.6	70.6	71.0	71.5	71.7	71.7	71.7
of accept		6.5, 6	5 1 . 5	64.2	66.9	67.9	67.7	67.6	77.5	70.6	7- 6	71.5	71.0	71.7	71.7	71.7
GE 7 GC		63.6	67.4	64.6	66.7	67.9	67.9	69.6	10.0	70.6	7 ~ 6	71.	71.0	71.7	71.7	71.7
						67.9	67.9		73.0	70 • €	7~.4	71.0	71.5	71.7	71.7	71.7
DE ETUL	• 3	0 %. 8	5 t + 5	64 • 2	(6.4	97.5	6747	69.6	13.	1110 6	, • •	, , , ,	7 \$ • .3	11.1	,,,,	, 1
68 9 634		64. ⊭	54.8	55.2	67.9	60.9	69.9	73.6	7:00	7:.7	71.7	72.5	12.0	22.7	72.7	72.7
CE 45.01		66.0	55.9	66.4	63.9	70.0	77.5	71.7	72.5	72.7	72.7	73.5	73.0	73.7	73.7	73.7
65 4 31		57.2	57.2	57.L	79.3	71.3	71 • 3	73.0	73.4	74.1	74.1	74.4	74.4	75.1	75.1	75.1
DE 35 201		67.6	57.6	57.5	7) . 6	71.7	72.0	73.7	74 - 1	74.7	74.7	76.1	75 • 1	75.8	75.A	75.8
CE 25 (3)		0.46	67.2	69.6	72.7	7 7 . 7	74.1						77.1		77.8	77.8
VE []	• 3	0.94.3	6 / • 2	69.6	12.1	1 . 1	74.1	75.8	16.1	75.8	75 + 4	77.1	11.1	77.3	11.6	7 7 • 0
DE SECT	. 3	69.6	6 4 . 6	70.0	73.0	74.1	74.4	76.1	76.5	77.1	77.1	77.5	11.5	76.2	78.2	78.2
14 T		75.6	7 1.6	71.0	74.1	75.1	75.4	77.1	77.5	79.2	79.7	78.5	73.5	79.2	19.2	79.2
6E 19.11		7:	1	71.5	74.7	7:.0	76 -1	77.8	78.2	78.6	76.3	79.2	79.2	79.9	79.9	79.9
6E 15601		7:.7	7:.7	72 .	75	7(.8	77.1	73.6	19.2	79.0	10.0	80.2	40.C	0 . 9	50.9	8 [• 7
0E 1731		74	7 1	74 . 4	79.2	15.5	79.9	62.3	h Z • 9	F ? . 6	44.7	84.3	94.3	e5.3	65.G	85.0
0 1 1	• >	, 4		14.4	150	17.5	17,7	05.7	52.47			74.3			6,40	93.0
06 1 13		* 6.	15.1	75 . 4	79.2	86.5	80.9	93.3	84.0	F4.6	46.3	or,	85.3	P6.3	86.0	86.0
LE 5 CI	. ₹	75.1	74.1	75.4	79.2	80.9	81.2	84.5	84.6	25.3	', r . 7	06.0	36.0	26.7	£6.7	86.7
UE 4 -1	. 3	75.1	7 1	75.4	70.2	F . 9	81.2	84.5	55 · C	65.7	56.3	44.3	86.3	°7.3	87.0	87.0
6t 7 i. i		15.4	15, 4	75.8	79.9	81.0	61.9	34.6	85.7	P6.7	57.3	27.4	97.4	A5.1	89.1	38.1
65 7,6		76.1	15.1	76 • 5	80.5	82.3	82.9	86. L	07.	- 4 . 1	80.7	60.4	39.4	70.1	90.1	90.4
		, 0.	19.1	,,,,	., •		02.	201	0,4		., .	•	,,,,,	, 5.	7174 2	70.
6E 5.61	• 3	To.i	76.1	76 + 5	a0.5	8.2.3	87.9	86.7	38.4	04.4	70.1	92.8	93.9	91.5	91.5	91.8
6E 0.751	• 2	70.5	70.5	76 . 5	t 1.9	P 3 • 3	84.9	83.4	97.8	91.5	42.5	77.6	93.2	93.9	93.9	94.2
SE Rini		16.5	76.5	76.5	€3.9	° 3.3	54.0	88.4	91.5	02.8	, , ,	54.6	94.5	95.2	95.2	95.9
of that		76.5	16.5	76.5	85.9	62.3	84.0	88.4	91.5	93.2	97.9	74.5	94.9	05.9	95.9	97.6
ازي: ٤٥		76.5	76.5	76 • 5	2 D . O	93.3	84.0	88.4	71.P	93.5	44	95.6	95.6	26.6	76.6	99.3
				,			- •		• • •		•				. 0 - 0	
6F 1	. 3	76.5	76.5	76.3	87.4	33.3	44 .C	88.4	7	93.5	74.5	55.6	95.6	96.6	96.6	100.0

TOTAL NUMBER OF OPSIGNATIONS: 2+3

GLOBAL CEIMATOLOGY RRANCH USAFLTAC AID WEATHER SERVICEMPAC

PERCENTAGE FREDUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM FOURLY CUSERVATIONS

STATION N	-				•						HCLTE	APC	0PD: 79	(IST)	D6UD-05	CG
CE 11 11 G		• • • • • • •	• • • • • •				V 15 1	BILITY	IN STATE	: YF M 11	••,••• E<	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	••••••
rect i	f CE	GI G	GT غ	GE 3		2 1/2 2 1/2	5 E	65 1 1/2	GE 1 1/4	GE 1	(L */4	5/5	GE 1/2	GE 7/16	Ռ <u>է</u> 1/4	GE D
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •					• • • • • •		
NO CETE 1	• *	34.6	37.3	37 • 5	38.3	39.1	39.7	41.1	41.1	41.1	41.5	41.0	41.8	41.8	41.8	42.2
⊌E 2 023}	. 3	4.3.1	47.0	41.5	41.5	43.2	43.2	44.6	44.0	44.9	4	45.6	45.6	45.6	45.6	46.D
CE 18:301		4 3- 1	4 7.2	40 • s	41.8	43.2	43.2	44.5	44.9	44.9	45.6	45.6	45.6	45.t	45,6	46.0
UE 167331	• 3	40.1	4 1.5	40.3	41.5	43.2	43.2	44.6	44.9	44.5	45 +5	45.6	45.6	45.6	45.6	46• g
UE 140001		43.1	47.0	46 + 5	41.4	43.2	43.2	44.6	44.7	44.0	4	u 5 , 6	45.6	45.6	45.6	46.0
GE 12"57(. 5	4 6 . 1	4745	40.8	41.0	43.2	43.2	44.6	44.9	ապ 🕳 🗘	4	45.5	45.6	45.6	45.6	46.0
ნნ 100001	. 3	55.7	5 . 4	56.4	58.5	62.0	62.0	63.8	64.5	64.6	(65.9	66.6	60.6	u6.6	60.9
6E 97571		55.7	55.4	56.4	58.9	52.0	62.3	63.9	64.5	44.8	61.5	65.9	66 • 6	f 6 • 6	56.6	66.9
6E 9101		55.7	5 - 4	56 • 4	58.9	62.0	62.0	63.6	64.5	54.8	65.5	65.5	66.6	66.6	65.6	66.9
6E 7 55	• 3	55.7	55.4	50 • 4	58.9	62.0	62.5	63.8	64.5	8.43	و د ج	65.9	55.5	66.6	66.6	66.9
6E 677431	. 3	55.7	56.4	56 + 4	58.9	52.0	62.7	63.5	64.3	65.2	t. r . 9	66.2	65.9	66.9	66.9	67.2
6E 51,11	. 3	5.7.1	57.8	57.á	60.3	ь 3 • 4	63.4	65.5	66.5	56.9	υ ⇒ .«	67.4	63.5	68.6	u 9 . 6	69.0
6E 47 J7 I	. 3	57.6	53.5	58 • 5	61.3	54.1	64 . 1	66.2	67.2	67.6	U# . 3	5# · €	69.3	59.3	69.3	69.7
₩E 40€01		54.7	59.6	59 • u	62.0	65.2	65.2	67.2	08.3	58.6	60.3	54.7	70.4	70.4	77.4	70.7
UE 35.031		5 4	57.6	59 • 6	62.0	65.2	65.2	67.2	b E • 3	6B • 6	65.3	59.7	70.4	73.4	17.4	76.7
65 31 301	• 3	5 4. 9	5 1.6	60.0	63.1	56.2	66.2	69.3	69.3	69.7	70.4	75.7	71.4	71.4	71.4	71.8
					_											•
68 25 21		6.06	51.7	61 - 3	63.8	66.9	66.9	69.6	73 • €	71.4	71 - 1	71.0	12.5	72.5	72.5	72.8
My ghail	• 3	52.1	5 5 . 4	63.4	65.7	69.7	59.7	72.1	73.2	73.9	74.5	75.3	76.7	75 + Q	76.0	76.3
0E 18-3]		5.3 • 4	5 3 . 3	03.5	66.2	7 C • ú	70.0	72.5	73.5	74.2	74.7	75,6	75.3	76.3	76 • 3	76.7
6F 15U0	• 3	6 4. 1	55	62.5	67.6	71.4	71.4	73. 7	74.5	75.6	71.3	77.6	17.7	17.1	77.7	78.0
6E 10.01	• ?	55.9	56.5	66.1	70.U	74,6	74.6	77.3	78.4	79 • 1	70.0	80.5	91.7	P1.2	81.Z	81.5
or incol	. ?	5 1.L	50.6	63.5	72.1	78.0	79.0	80.5	57.2	P2.9	57.5	04.3	55.0	45.J	65.7	95.4
DF ^5″ J	٠,	68.3	57.3	39.5	7 ? • ?	76.7	79.7	81.2	52.7	03.6	44.3	91.0	95 • 7	P5.7	85.7	86.1
ان ۲ ان	• *	(3 · 3	59.3	69 . 3	72.3	75.1	19.1	91.5	63.3	P4 . S	04.7	04.4	86.1	06.1	56.1	96.4
6E 7001	• 3	6 4 - 3	69.2	69.5	72 ⋅ e	79.1	79.1	91.5	03.7	e4. c	39.7	05.4	n5 • 1	96.1	66.1	86.4
6E 5 1	• 3	E 3.€	59.7	64.7	73.2	79.5	70.0	82.2	84.7	85.4	nf • 1	45.F	87.5	07.8	87.8	88.2
(8 50)	. 3	57.1	57.7	69.7	73.2	75.5	79.9	92.2	0.5 4.	67 6		4				
or 0.31	• 7	63.6	57.7	69.7	73.2	79.8	77.5	92.6	95.4	F6.4 F7.5	37.1	94.5	89 • 2	99.5	89.5	89.9
υE 1.71	. 3	6 3 . t	07.7	63.7	73.2	79.5	77.8	82.6	66.P	e7.6	68.5 98.5	22.9	97.9	91.6 93.4	91.6	92.0
นั้น วินวิโ	• 3	51.6	57.7	69.7	73.2	19.5	17 . n			67.F	ar.5	91.3	92.7		93.7	95.1
ŭĔ : 251		59.6	57.7	69.7	73.2	75.8	79.9	92.6 82.6	56 • E	97.8	d″•5 d°•5	91.5	93.0 93.4	94.1	94.4 94.8	96•2 99•û
					. , • 2	• •		. 2.0	20.0	~ / • 6	2.4.	71.0	7 3 • 4	4	74.0	7 7 6 U
56 1	• 3	5 40 - 11	7100	70.3	71.5	P 1 • 1	90.1	82.7	57 - 1	98.2	E 7	92.0	93.7	9.00	95.1	196.0
	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	

TOTAL SUMBER OF OPSERVATIONS: 201

ALR WEATHER SERVICE/MAC

BENGRAL CLIMATOLOGY BRANCH FERCENTAGE FREQUENCY OF ACCUMENCE OF CHILING VEHSUS VILIBILITY USAFETAGE FROM HOURLY OBSERVATIONS

STA	TICK NU	IMPER:	275953	۱۱۸۱ د	ON NAME:	KAZA	IN USSR					FLF10U	(F FC	URD: 78	-8 -			
													: 4PF		(LST1:			
	 L156	• • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •			IN STATE			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••	• •
	N 1	GL	GF	GF	C.F.	GE	5E	GE	ğξ	GE	GE	٠,	4,1	GE	SE.	G.E.	GE	
		10	٠,,		4		2 1/2			1 1/4	1	7/4	5/5	1/2	5/16	1/4	0	
																	-	
NO	CLILI		7.2. ,	3 1.9	74.4	30.5	41,4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	
	2 2001		42.1	9.7 • 1	92.1	43.2	45.0	45.0	45.	45.0	45.(45.7	45.0	45.7	45.0	45.0	45.0	
	19"		42.1	9.7.1	42 • 1	43.2	45.0	45.0	45.0	45.0	45.	45.0	45.5	45.7	45.3	45.0	45.0	
	16700		4.2+ 1	40.1	42 • 1	47.2	45.0	45.2	45.0	4 . (45.5	45.7	45.0	45.7	45.3	45.0	45.0	
	195 07		42.1	4.1 - 1	42.1	43.2	45.6	45.0	45.6	45.0	45.0	45.0	45.0	45.7	45.3	45.0	45.0	
CF	150001		4.2 • 1	4 7 - 1	42 • 1	43.2	45.0	45.0	45.J	45 • C	45.0	45.7	u	45.3	45.3	45.0	45.0	
1.1	11.5651		56.4	7.1	57.1	59.6	61.4	61.4	62.1	63.2	43.2	67.0	6.3.	53.2	63.2	67.2	53.7	
C.E	ا الله به		50.4	57.1	57.1	55.6	61.4	61.4	62.1	63.2	13.2	57.3	63.6	63.2	63.2	03.2	€3.2	
G.E	6		56.4	5.7.1	57.1	51.6	61.4	61.4	62. i	63.2	63.2		63.2	63.2	63.2	63.2	63.2	
1,1	77 32 1		1,6.4	57.1	57.1	58.6	61.4	61.4	62.1	63.7	53.2		13.2	63.2	63.2	63.2	63.2	
υE	Eruel	. 1:	56•c	57.5	57.5	58.7	61.8	61.8	62.5	53.6	63.6	67.6	63.6	63.5	53.6	6:.6	63.6	
		• •	,	2.42	3, .		0	•••							•			
G.L.	50.0	. 4	67.5	53.2	50.2	59.5	62.5	67.9	63.0	54.5	64.6	t, tr.	€4.6	64.6	44.6	64.6	£4.6	
1, [45 31	. 4	5 7 . 5	53.2	5હ • 2	59.6	62.5	62.9	63.€	64.6	64.6	s. 4 . 4,	64.6	64.6	£4.6	64.6	84.6	
LE	41.01	. 4	59.5	5 1.	60.1	61.8	64.6	65.0	65.7	66.8	66.8	61.8	66.0	66 . 8	66.5	66.9	£6.8	
i, į	3: 001	. 4	59.1	67.4	60.4	62.1	65.3	65.4	66.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
(-E	7 LT	. 4	67	51.4	61.4	63.2	66.7	66.4	67.1	53.6	58.6	50.6	1. F . E	68.6	48 • 6	68.6	68.6	
,	25.01						7. 7		*	73.2	73.0	77.7	13.2	73.2	73.2	73.6	73.6	
₩£,	2001	. 4	65	55.7	65 • 7	67.5	76.7	71.1	71.8			75.7	75.7	75 • 7	75.7	76.1	76.1	
t.t. GE	18 634	. 4	67.i	67.5 55.6	67.9	70.0 71.1	72.9	73.2 75.0	73.9 75.7	75.4 77.1	75 • 7 77 • 5	77.5	71.5	77.5	77.5	77.9	77.9	
C.F	16 0	. 4	59.3	7	€8.9 70.5	72.1	74.6 75.7	76 • 1	76. s	76.2	78.6	75.5	72.6	19.6	76.6	78.9	78.9	
i.E	1.	. 4	71.4	77.1	72 • 1	74.3	78.2	78 • 6	79.3	46 • 7	21.1	.1.1	°1.1	81.1	-1.1	51.4	A1.4	
*-1.	1		***			74.3	1 6 +2	76.0	,,,,		•			/ 	•••	3.4	•••	
!- E	1 501	. 4	72.5	13.7	73.4	75.4	80.0	87.4	81.1	83.?	93.8	57.6	93.6	83.6	93.6	n3.9	F4.3	
- » E	6.71	. 4	73.0	74.3	74.5	76.4	81.1	81.4	82.5	84.6	45.0	4.5 . 2	#5 · U	85.0	95.0	n 5 . 4	P5.7	
€-E	اياء	. 4	14.3	75.	75 + 2	77.1	31.8	82.1	83.2	85.4	e 5 . 7	h = . 7	#6 · 1	55.1	56.1	66.4	86.8	
GE	7.1	. 4	74.3	75.0	15	77.5	82.5	82.9	23.9	86.1	86.4	56. q	26.6	36.0	°€.8	e 7 • 1	€7.5	
C.E	C 1	. 4	74.6	75.4	75.4	7 P	43.6	8 7 . 9	85.4	B7.9	± 4 + €	56.2	e 5 ° c	89.9	68.9	89.3	89.6	
			4															
υ£	!	• 4	4.1	75.4	75 . 4	78 • 5	93.9	84.3	85.7	8 F . 6	°8.9	68.3	70.0	93.0	ის.ე	٠. ،	° C. 7	
1, ξ	4	• 4	4.6	7= .4	75 - 4	74.6	H I • 9	84.3	96.4	67.5	20.6	77.4	21.4	91.4	91.4	91.8	92.1	
(, E	7.01	• 4	74.6	75.4	75 . 4	70.6	43.9	84.3	86.4	45.7	91.1	y!.a	72.9	93.2	03.5	93.9	94.6	
G.E.		- 4	74.6 74.5	75.0 75.4	75 . 4	79.6	97.9	64 • 3	86.4	95 - 7	21.1	45.6	23.6	94.3	95.J	95.4 96.1	96.8 99.3	
t, t	1	• "	14.5	, 4	75 . 4	78 • €.	93.9	84.3	86.4	97.7	91.1	٠,٠٠	73.€	94.3	42.4	40 • 1	77.3	
GE.	14	. 4	2000	10.4	15.4	70.6	P 3.9	84.3	86.4	9 7	91.1	47.5	23.6	74.3	95.4	96.1	160.6	

TOTAL NUMBER OF OPSERVATIONS: 201

GEUHAE CEIPAINEOUY FRANCH USAFFI/C AIR WEATHER SERVICEZHAC

PERCUNTAGE FREQUENCY OF OCCUPPENCE OF CEILING VINSUS VITIPILITY FROM HOURLY OBSERVATIONS

STATION NO											SEC. OF	LF PECC L AFF	+ DURS	(LST1:		CC
CF 1L ING		• • • • • • •	• • • • • •				visi	FILITY	IN STATE	ITF MII	FS		• • • • • • •			
	/ L	LE C	Ο _Ι	6F 4		GE 2 1/2	G E 2	6F 1/2	6F 1 1/4	GE 1	0 E 7 / 4	r, i 5 / n	GE 1/2	GE 5/16	GE 174	GE 0
WO CFIF		75.4	35.4	15.5	3€.3	?7.9	37.9	37.→	38.6	₹8•6	30.6	39.6	38.6	78.0	38.6	36.6
6E 201 001 6E 161 101	1.1	41.8 41.8	41.5 41.5 41.6	42.1 42.1 42.1	43.5 43.5 43.5	44.6 44.6 44.0	44.6 44.6 44.6	44.6 44.6 44.6	45.3 45.3 45.3	45.3 45.3 45.3	45.3 45.3 45.3	45.3 45.3 45.3	45.3 45.3	45.3 45.3 45.3	45.3 45.3	45.3 45.3 45.3
UF 140 001 UE 120 001	1.1	4 1. c 4 1. n	41.5	42.1	43.5	44.6	44.6	44.6	45.7	45.3	4 E . 3	45.3 45.3	45.3	45.3	45.3	45.3
6E 20001 6E 91331 6E 87001	1.1	57.9 57.5 57.9	57.9 57.9	58 • 2 58 • 2 58 • 2	59.6 59.6 59.6	61.4 61.4 61.4	61.4 61.4 61.4	61.8 61.8 61.8	62.5 62.5	62.5 62.5	62.4 62.4 62.4	63.2 63.2 63.5	63.2 63.2 63.2	63.2 63.2 63.2	63.2 63.2	63.2 63.2 63.2
0E 70001 0E 6701	1 • 1	5.7.9 5.4.6	57.9 53.6	56 . 7	59.6 62.4	61.4	61.4	61.8 62.5	62.5	62.5	ยา.ค์ ย7.5	63.2	63.2 63.9	63.2 63.9	63.2	63.2 63.9
6F 5 601 6E 49661 6F 40681	1 • 1 1 • 1 1 • 1	61.1 51.1 64.2	51.1 51.1 54.4	61.4 61.4 64.6	62.8 62.8 66.0	64.6 64.6 67.7	64.6 64.6 67.7	64.7 64.4 68.1	65.6 65.6 68.6	65.6 65.6 68.6	66.0 66.0 66.1	66.3 56.3 69.5	66.3 66.3	66.3 66.3	65.3 66.3 69.5	66.3 66.5 69.5
GE STUDY	1 • 1	64.9 55.6	5 4 . c 5 5 . 6	65.3 66.5	67.4	69.4 69.1	68.8 69.5	67.1 59.8	69.8 70.5	69.8 70.5	10.2 70.9	73.5	75.5 71.2	70.5 71.2	70+5 71+2	70.5 71.2
GE 25.01 GE 25.01 GE 18.01	1.1	72.6 78.6 79.6	72.6 73.6 72.6	73.a 78.9 8	74.7 87.7 81.8	76.5 82.5 83.5	76 •9 02 •8 67 •9	77.2 83.5 84.6	77.9 64.2 55.3	77.5 04.2 05.3	78.7	73.6 24.9 55.6	79.6 84.7 86.0	78.5 64.7 86.0	78.6 94.9 86.0	76.6 64.9 86.J
0E 12 201	1.4	21.7 22.6	5 2 • 7 5 2 • *	81.1 83.2	82.8 85.3	84.9 87.4	85.3 87.7	86.: 83.8	66.7 89.8	°6.7	67.0 90.7	25	87.4 99.5	73.4	87.4 90.5	87.4 95.5
6F 1 6A 6E 3 65 CF 5 74	1.4	43.9 ~4.2 44.0	53.9 64.0 44.0	64.2 64.5 84.9	⊬6.7 67.0 39.4	89.1 89.8 91.2	87.5 97.2 91.6	90.5 91.2 92.6	91.9 92.6 94.0	91.5 92.6 94.0	97.3 47.7 44.4	92.6 93.5 94.7	92.6 93.3 94.7	72.6 73.3 74.7	92.5 93.3 94.7	92.6 93.3 94.7
6E 7.11 6E 5.1	: 4	24.E.	5 y 3 5 . 3	92.0 54.4	₽#.4 89.:	91.2	91.6 92.6	92.6	94.5 96.1	96.1	v4.7	75.1 97.2	95 • 1 97 • 2	95.1	95.1 97.2	95.1 97.2
0f €1.1 CE 4.3%1 OF 7.31	1.4	15.6 25.6 25.6	55.6 65.€ 85.∪	66.J 86.J 86.J	89.5 89.5 89.5	92.6 97.5	93.0 93.0 93.0	94.7	96.5 96.5	96.5 96.5 96.5	17.5 -7.5 -7.5	97.5 97.9 97.9	97.5 97.9 97.9	97.5 97.9 98.2	97.5 97.9 98.2	97.5 98.2 98.6
GE 1 11	1.9	⇒5•6. ≟5•6	35.6 35.5	86.u	87.5 89.5	92.6 92.6	97.0 93.0	94.7	96.5 46.5	96.5 96.5	97.9 97.9	वस. ⁻ वस.?	98.2 98.2	75.6 99.6	98.6	99.6 10C.0
	1.4	# 5.0	45.8	66 • 3	87 . 5	72.5	97.6	94.7	96.5	26.5	77.9	04, <u>2</u>	98.2	98.6	48.6	100.0

TOTAL NUMBER OF DUSERVETTON'S 255

OF SHALL CELEMPTOFORA REPARCH. ALE WEATER STRVICEZMAC

PURCENTAGE EREQUENCY OF OCCURRENCE OF CTILING VEHSUS VILLETELTY FROM HOURLY OBSERVATIONS

STATION NUMPER: 2759- . STATION NAME: KAZAN USSR

recina of Acord: 78-87 "F" TE: APE HOURS(LST): 1500-1700 CETEINO VISIBILITY IN STATUTE MILLS 19 | 9E | FUET | 1 3E 6F 3 2 1/2 QF. 6E 1 6E 6E 6E 6E 2 1 1/4 61 ůΕ GE 1/2 7/15 3/1 1/4 39 • 6 79.6 79.6 40 Cett 1 1.1 3.2.5 59.3 32.6 30.46 39.€ 39.6 73.6 50.6 39.6 39.6 GE STOUT | GE LETUT 46.3 46.3 46.5 46.3 1.4 46.0 40. 46.2 46.3 46.3 46.3 46.3 46.3 46.3 46.3 46.3 46.3 46.3 46.3 46.3 46.3 45.3 4 45.4 45 m² 45 m² 46.5 46.3 46.3 46.3 46.3 45.1 46.3 40.3 14 . . . 46.3 46.3 46.3 46.3 40.3 46.3 46.3 46.3 1.4 46. 46.3 46.3 46.3 Lξ 46. 40.00 4 4 . 3 46.3 46.5 46. 46.3 40.3 40.0 46.3 46.7 40.0 46.3 46.3 45.3 1 1 11 1 45.3 64. 7 1.4 63.1 53.5 57.5 64.6 64.6 64.9 64.7 /14 . ₹ 114 . ₹ 65.3 65.3 65.3 55.3 63.5 64.9 64.5 64.9 45.3 65.3 7:1 65.3 64.9 64.9 64.9 65.3 ιĺ 43.5 54.7 65.3 64.3 6.5.3 1.4 43.5 42.6 63.5 64.5 64.9 64.9 64.4 64.9 65.7 65.3 45.3 6 1.4 66.3 66.7 54.7 54. 54.7 66.3 56.3 66.3 66.3 55.3 65.7 66.7 66.7 1.4 51.7 69.1 69.1 59.1 49.5 69.5 46 67.7 67.7 69.1 67.1 69. i 44.5 95.5 69.5 68.9 57.7 73.3 17.7 69.1 55.5 74.4 69.1 75.1 ſέ 67.7 67.7 59.1 69.1 19.1 69.5 63.5 15.1 69.5 75.1 69.1 4 1.34 74.7 75.1 75.1 1,1 1.4 73.3 75.1 7 3. 7 73.7 75.1 1.4 75.1 76 . 8 76 . 8 77.2 77. 84.2 85.3 86.3 54 • 2 85 • 3 86 • 3 6P • 1 54.2 1.4 3 3 ? . . 62.5 43.0 52.2 83.2 84.2 53.5 54.2 P4 . 2 36 • 2 3 • • 4 24.5 34.6 £4.6 n4.6 84.6 84.2 85.7 87.0 85.6 86.7 95.0 1.4 85.3 86.3 65.7 86.7 05.3 06.3 85. h 45.6 85.6 *4.4 34.. ,# . , .e . 1 19.7 ..4 56.7 06.7 Se. 1 1.4 98.1 3 t . 1 41. 76 . J 98.1 **BB.4** F H . 4 A C . 4 28.4 9.1.1 19.1 9 L + F1 91.6 36.5 64 . . 91.2 42.0 23.7 91.J 93.0 9:.5 91.9 92.6 72. 3 91.5 9 ... 1 89.1 17.0 5 2 +1 5 2 +1 95.0 93.0 93.7 94.5 75.1 .u.-94.4 16.4 74.4 75.4 94.4 95.4 1.4 59.1 73.5 34.0 95.1 34.4 94.4 1.4 49.5 94. . 95.4 45.4 * • • 96.1 37.5 51.2 94.5 94.0 94.4 35.4 45.4 45.9 96.4 0.1 93.3 1: . 5 34.4 94.4 14. 7 70 . i -6. 75.5 20.0 96.8 97.2 100 71.7 26.5 27.2 97.2 1.4 92.3 ,4.7 94.7 11.5 25.3 95.1 76 . 1 35.46 24.7 9 7 4 7 9 3 4 5 9 7 4 7 91.9 1.4 43.6 94.7 25.4 77.5 95.1 97.5 97.9 97.9 97.9 1.4 72.5 74.5 95.1 97.2 97.2 49.9 9.3 99.3 99.6 95.4 32. 9 - 1 90.1 95.4 1,5 : . 4 79.7 .9.3 100.0 , , , 1,5 1 1.4 1500 13.5 62.7 . 1 . 1 15.1 75.4 ,7.2 57.3 49.7 ₹8.9 29.3 59.3 10G.C

TOTAL NUMBER OF OVERVATIONS:

GEDSAE CLIMATOEOGY DRAWCH USAFETAC AIR WEATHFR SERVICCYMIC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY COSERVATIONS

STATION NUMBER: 27570 - STATION NAME: KAZAN USGR

STAT	ICM NO	MUFE:	5 3 23.	2111	CA NAME	: KAZA	1. US5R							97 : 09C			
												мсі, ти	: APT	HOURS	(LST):	1837-25	3 3 9
LEIL	 I M i.	••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		v 151	BILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	170
IN		GL	ü€.	3 f.	úΕ	GŁ	GF.	GE	55	GE	56	r.	G_{\cdot}^{\bullet}	Sε	() F		
FEL		10	un.	1	4		2 1/2		1 1/2		1	7/4	5 / R	1/2	c/16	6E 1/4	GE U
		٠													-7.5	1/4	
(40 C	ETL I	1.7	42.4	42.7	42.7	43.1	4 3 • 1	43.1	43.1	43.1	43.1	47.1	43.1	43.1	43.1	43.1	43.1
	20 051	1.0 1.0	50.7	51.	51.0	51.4	51.4	51.4	51.4	51.4	51.4	4 ! • 4	51.4	51.4	51.4	51.4	51.4
UE I	5 - 1		57	51.0 51.0	51.J 51.U	51.4 51.4	51.4	51.4	51.4	51.4	c 1 • 4	> 4	51.4	51.4	C1.4	51.4	51.4
uf 1		1.0	5 7. 7	51.	51.U 51.J	51.4	51.4 51.4	51.4 51.4	51.4 51.4	51.4 51.4	51.4 51.4	51.4	51.4	51.4	E) . 4	51.4	51.4
GF 1		1.5	5 2.7	51.	ر مد ن نار	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	5.3.4	51.4	E 1 . 4
		• •		J 1 •.	31.3	31.44	31.4	21.4	2 I • 4	21.4	21.4	51.4	71.4	51.4	¹ .4	51.4	51.4
UE 1	df 35 [1.4	11.2	71.5	71.5	77.5	72.9	12.9	72.9	72.9	72.9	17.9	72.4	72.9	73.3	73.3	73.3
)~g~	1 . 4	11.2	71.5	71.5	72.5	72.9	72.9	72.9	72. 3	72.9	77.0	72.5	72.9	73.3	73.3	73.3
	811 JUL	1.4	71.2	71.5	7	72.5	72.9	12.9	72.9	12.9	72.9	77.3	72.4	72.9	73.3	13.3	73.3
	7 " . 3 [1 - 4	71.2	11.0	75	72.5	12.9	72.9	72.9	72.9	72.7	7.7 . 9	72.9	72.9	73.3	73.3	73.3
64	67304	1.4	-1.	71.5	71 - 7	72.9	73.3	73.3	73.3	73. 3	73.3	12.3	77.5	73.3	73.6	73.6	73.6
üξ	ا در اد	1.4	. 3. 3	73.€	•••	2 3			•								
	45 Jal	1.4	73.6	14.5	73 • 6 74 • 3	74.7 75.2	75.G 75.3	15.3	75.0	75.0	75 • C	75.0	75.6	75.0	75.3	75 • 3	75.3
-	47671	1.4	77.1	77.4	77.4	78.5	7 t • 6	75 • 3 78 • 8	75.3 78.8	75.3 70.9	75 • 3 79 • 8	75.3	75.3 79.8	75.3	75.7	75.7	75.7
	a- ŭai	i u	77.4	17.6	77.3	78.1	74.2	19.2	77.7	79.2	79.2	79.7	79.2	79.8 77.2	79.2 79.5	79.2 79.5	79•2 79•5
	an Juli	1.4	19.5	7 P .c	73.5	77.9	81.2	30.2	87.2	85.2	50.2	10.0	90	30.2	ED • 6	80.6	80.6
													, , , , ,	70.2	7.040	0.540	60.0
	23.44	1.4	31.2	3 l +1	81.5	52.6	93.0	H 3 . 3	83.3	83.0	P 3 • 0	37.7	A 1.0	83.0	23.3	63.5	63.3
	27 244	1 - 4	a 1. :	31.6	91.5	83.0	8.3.7	87.7	83.7	e 3 • 7	P3.7	33.1	93.7	83.7	A4.j	04.C	84.0
	1°.,	4	4 1. 3	b 1 • (61.5	83 ·	63.7	83.7	P 3. 7	83.7	P 3 • 7	3 7 . 7	43.7	83.7	94.7	84.0	£4.0
	110.1	1.4	- 4+	34.4	नेय • प	P5 - B	₹6.5	36.5	86.9	66.6	P6.8	7 f 🕶	86.8	86.9	P 7 . Z	67.2	£7.2
Ç.,	Post	1.4	" 7. L	37.5	87.5	88.9	89.6	9.0	೨೦∙3	90.3	90.5	15.6	23.6	99.6	91.5	91.0	91.0
1.5	17551	1.0	~ 7. S	. 7	57.5	29.9	96.6	₹C •6	0.1.7								
E	0.1	1.4	7.5	7 .	-17 • 6	83.0	9 ~ 6	90.6	91.3	91.7 91.7	92.C	, 7 . 7	92.5	92.3	92.7	92.7	92.7
ıΕ	9.77	1.4	. 7. 5	17.5	87.8	80.9	9: •6	90.6	91.3	97.0	72.4	0.7.4	92.4	92.0 93.4	92.7	92•7 93•1	92.7 93.1
1.5	1 [1.4	0 7 . 4	40.	88.4	47.3	91.0	91.0	21.7	92.4	92.7	47.7	72.7	92.7	73.4	93.4	93.4
Ŀξ	+ "j	: • 4	40.0	99.5	68.5	91.0	92.0	12.0	72.7	94.1	94.4	, u . u	24.4	94.4	95.8	95.8	95.8
											-	•			3.0		. 3 • 6
₩£			H 0	H P 📲	38 . 5	91.0	ا• ئ ≎	92 .C	92.7	94.4	25.:	7° .1	25.5	95.9	97.2	97.2	97.2
545	" LLL 1	1.4	1.7	9	38.5	91.	9200	92.0	72.7	94.2	95.1	· · · 1	95.5	96.2	97.6	97.6	97.6
Lif Life	1001	1.0	43.0	ga .t	68.5	9 .	92.0	92.0	93.1	95.1	04. • 5	,,,	30.0	97.2	99.3	99.0	99.0
ist ist	: url	t.	- 6.4	60.5 66.5	26.5	91.0	94.3	92.0	93.1	95 • 1	95.5	45.6	96.5	97.2	09.3	99.0	99.3
	. ,	. • "		r.c.,	e8 •5	91.0	92.0	92.0	93.1	95.1	95.5	9 E D	34.5	97.2	39.0	99.0	100.0
νE.	.1	1.4	F 0	90.5	2.36	91.	97.3	97.0	93.1	45.1	95.5	5,6.0	96.5	97.2	99.9	00.5	100.0
								· · · · · · ·		7741 1111	*3 • 3		70.3	91.2	~ 7 . J	77.0	100.0

TOTAL NUMBER OF OFSERVATIONS: TOP

CLOGAL CLIMATOLOGY OF ANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIFILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 27595" STATION NAME: KAZAN USSR PERIOD OF RECOPD: 78-87 MONTH: APR HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES CE IL ING | 14 | 6E | FLET | 1 GE 6E 1/c OE GE GE 2 1 1/2 1 1/4 CF 4 GE . Gr , GE GĘ 6 E 1 1/2 7/4 5/8 1/16 1/4 Ð 48.6 49.6 43.6 44.6 48.6 NO CLIL L 47. 97.1 47.7 4 5 . 4 48.6 48.6 48.6 50.7 50.7 50.7 50.7 GE 16 121 50.7 50.7 50.7 50.7 55.7 50.7 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 21.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4 50.7 51.4 51.4 51.4 51.4 51.4 <1.4 51.4 51.4 51.4 51.4 c 1 • 4 51.4 GE 14 GET 51.4 50.7 51.4 51.4 51.4 5 .. 7 66 12:001 50.7 51.4 51.4 51.4 51.4 SE 107 GUI 72.9 72.9 73.6 77.6 77.6 77.6 77.6 73.6 73.6 73.6 73.5 73.5 73.6 70.5 9: 301 arudi 7:441 70.5 70.5 72.9 72.9 72.9 72.9 72.9 73.3 73.3 74.3 74.3 74.3 74.3 76.5 71.6 74.3 73.6 74.3 7 1.5 71.6 72.9 72.9 73.6 73.6 73.6 74.3 74.3 74.5 74.3 75.0 υE 6. 2.11 73.6 73.6 74.0 74.3 74.3 74 . 3 75.0 57.03) 47.03 4.031 31.01 G.E 73.6 77.6 73.6 75.6 76 .7 77.1 77.4 77.7 77.7 77.7 77.7 79.4 78.4 76.7 78.1 74.0 77.1 78.1 81.5 79.1 61.5 78.1 78.1 81.5 76.4 76.8 82.2 78.a 82.2 74.1 76.4 74.3 76.4 75.3 77.7 77.1 77.4 77.7 80.5 80.8 (- E 8 C + 1 80.1 76.7 80.8 82.5 91.9 76.7 81.2 P1.8 81.5 A2.2 GE 06.5 80.5 82.2 25 001 1 001 19 001 15 001 в . . В . . . t.E 7 % 1 79.1 79.1 60.5 82.9 82.9 93.2 54.2 <4 . C 94.2 84.2 64.6 6.3 84.9 84.9 F 6.6 86.5 86.5 84.9 P6.0 86.0 %3.5 86.5 86.0 41.5 61.5 87.5 67.6 82.2 62.2 84.6 84.6 84 .6 86.6 84.6 84.4 84.9 95.0 86.6 87.0 P6.6 £.€ 86.3 P6.3 86.3 89.0 96.3 3 . 82.2 34.6 96.6 t,F - _ • 5 80.5 0 86.3 47.0 67.2 43.9 1767 89.7 90.4 91.1 91.1 91.1 91.4 91.8 91.6 66.3 u 7. 83.9 86.3 89.7 89.7 89.4 96.8 91.4 91.4 92.6 91.8 92.1 92.1 93.5 6.5 a J• 1 51.4 91.4 97.2 (E 91.1 92 • B 87.1 88.0 7 3. 4 93.5 93.9 95.4 87.4 92.1 92.8 32.6 93.2 93.5 93.5 a 1. , 53.4 93. + و ر وو 90.5 92.5 03.0 94.2 34.2 94.5 94.9 95.2 95.2 1 00 | 6 | 1 260 | 260 | r 1.9 83.4 3 1.5 24.5 ijΕ 69.0 69.4 92. 4 73.3 94.5 54.5 94.9 95.5 95.5 95.8 91.1 95.2 46.6 97.6 P 4. _ 54.7 64.2 91.4 91.8 94.7 c5.9 96.6 96.9 97.3 97.6 93.5 44.2 93.5 36.0 97.3 57.6 97.3 9.44. 34 . .2 8A.4 91.4 91.8 94.9 97.6 97.9 98.3 98.3 ; 4. . 84.2 69.4 95.2 97.9 99.0 99.3 71.4 91.3 78.6 27.0 99.3 t, E 1 4. . 34.. 94.2 91.4 93. 4 95.3 26.9 97.6 47.6 97.9 09.3 97.3 100.0 *****************

TOTAL NUMBER OF OFSERVATIONS : 272

SLOWAL CLIMATOLOGY PRANCH USARLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPTECT OF CELLING VERSUS VISIBILITY FROM HOUSLY COSENVATIONS

		_			OK NAME:							MCG,TH		FOUR\$	(LST):	ALL	
	 Ling	• • • • •	• • • • • • •	• • • • • •		• • • • • •				IN STATE			• • • • • • •		• • • • • •	• • • • • • •	•••••
	ti l	5E 10	ul t	GE,	6F 4	GE ?	6F 2 1/2	GŁ	GΕ 1 1/2	ί£	GE 1	() () ()	€ _E 5/8	6£ 1/2	6F 5/16	CE 1/4	GE O
′	• • • • • •	• • • • •	• • • • • • •	• • • • • • •		• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		• • • • • • •	• • • • • • •		• • • • • •	
041	CETLI	• •	91.3	41.5	41.5	42.4	4 3 - 1	43.1	43.5	43.6	43.7	4 7 . F	43.8	43.9	44.0	44.0	44.1
υE	200001	• *	45.5	45.7	46	47.C	47.7	47.7	48.1	48.2	48.3	40.4	49.5	48.5	48.7	40.7	48.5
SE	180001	• 5	45.4	45.4	46.3	47.0	47.7	47.7	48.1	48.2	49.3	4 . 4	48.5	48.5	48.7	49.7	48.8
υE	461 UZİ	• 6	45.6	45.4	46 . €	47.C	47.7	47.7	48.1	43.2	48.3	400	40.5	48.5	48.7	40.7	48.8
la É	14 701	• 5	4 *	45.7	46.5	47.0	47.7	47.7	45.1	46.2	45.3	4 . 4	48.5	44.5	48.7	48.7	48.8
θE	12" 504	• •	4 % . 4	45.7	46	47.0	47.7	47.7	48.1	48.2	48.2	41.4	48.5	48.5	4 7 . 7	48.7	48.8
ω£	10001	• 6	t 3.3	53.5	63.6	65.2	66.0	66 .8	67.4	67.7	65.1	68.7	4, 2 . 4	68.6	68.8	68.B	68.9
1.6	9 1 221	• 6	63.3	3 1	63.6	65.3	66.8	66.8	67.4	57.7	68 - 1	65.2	64.4	69.6	68.5	60.8	68.9
GE	8 (3)	. 6.	67.3	5 3	63.6	65.3	66.8	66.8	61.4	67.4	68.1	4,5	6.R. u	68.6	48.8	69.8	68.9
υ£.	12021	.6	63.3	53.5	63.0	65.3	66.6	66.0	67.4	67.7	69.1	60.7	64	63.5	66.8	63.8	68.9
Ŀξ	6 -31	• 6	63.0	54.	64.1	65.5	67.2	67.2	67.9	bh . 4	5P • 6	61.7	64.4	69.1	1.4.3	69.3	65.4
CE	5/150]	. f	65.6	55.4	65.9	67.6	69.2	69.2	7J. 0	70.5	73.7	70.8	71	71.2	71.4	71.4	71.5
ŰΕ	45	. 5	66.5	66	66.3	62.0	09.6	69.5	7 g • 3	70.9	71.0	71.2	71.4	71.5	71.7	71.8	71.9
υ£	4. 001	• 61	6 . 4	58.6	68.7	12.5	72.2	72.2	72.9	73.5	73.7	27.8	74.3	74.2	74.4	74.4	74.5
υĖ	35,31	. 6	စစ်•ဒ	67.	59.1	72.8	7.5	72.6	73.4	73.9	74 . 1		74.5	74.6	74.3	74.9	74.9
PE	31901	. 6	7.5+1	10.5	7::•4	12.2	73.9	74.0	74.7	75.3	75.5	71.6	75.9	76.0	76.2	76.3	76.3
-35	25001	• 6	7.5+1	13.5	73.4	75.3	7.7 × D	77.2	77. 3	76.5	79.7	70.0	79.1	79.3	79.5	13.6	79.6
THE.	2121	. 7	7 5	15.5	75 • 3	77.3	7 9 . 2	77.3	87+2	øU• ₽	01.1	01.7	-1.5	61.6	91.9	82.0	F2.1
υE	18	• 7	75.6	15.5	75.7	77.)	74.9	eC•3	80.9	51.5	21.5	8 9	82.2	62.3	F2.6	£2.7	P 2 • 8
o€	15.531	. 7	76.7	75.,	77 • .)	7 2 . 2	-1.3	81.5	82.3	0 7 . 7	F 3 . 4	2.5	- 3 - 5	33.7	-4.1	64.3	£4.3
C.E.	17-21	• 7	1 7. 7	19	79	81.5	43.9	84.1	A5.3	86 • Z	96 • ti	51.8	٠,٠,١	37.2	° 7 • 4	87.5	87.6
65	.1571	. 7	*0	e 🐪	54.1	F 2 • 8	H 5 . 6	85.7	57. C	48.2	P9.6	, s , 7	89.5	69.1	£ 9.4	89.5	F9.6
ع ن	9.11	• 7	11.	3 1.0	3C.4	d5.1	36.1	86 • 2	67.6	8 - 48	99.2	5° • 4	E7.6	89.8	9.1.0	90.2	90.3
ÜΕ	2 at 1	• 7	4 0.3	3 T • 11	ಚಿತ್ರ-5	93.5	86.6	86.7	99.1	69.5	09.9	>"•1	0.5.4	93.5	93.8	97.9	°1.3
(. F	1-11	. 7	e. 🚅 . 4	3	30.5	P ? • 7	86.9	87.0	64.5	93.5	27.4	17.6	95.9	91.0	G1.3	91.5	91.6
C.E.	11.1	. 7	40.0	91.1	81.2	A4.3	87.7	47.º	89.6	¥1.3	01.7	97.5	92.4	92.6	9	33.1	93.3
υŁ	· 1	• 7	a *** *	81.1	×1.2	84.5	F 7.9	88.1	87.9	12.5	92.5	, - , s	93.4	93.6	94.0	94.2	c4.3
a.E	4 ~]	. 7	4.7.9	91.	141 - 3	5-14 a.E.	٤٤.:	88.4	97.5	93. "	33.6	94.5	04.7	95.3	95.5	95.7	45.9
GE.	1:01	. 7	3.1.	51 · 7	31.5	84.6	R F . 2	d8 •′.	93.6	93.3	94.1	94.7	95.7	96.1	36.7	96.9	97.4
ist.	1 21	. *	·	31.3			88.2	of .4	5 . 6	93.4	44.2		36.0	96.4	97.3	97.4	98.4
r, E	: mi	• 7	α 1•	81.7	41.3	c4.6	c 8 • J	88.4	97.6	93.5	94.3	$A_{L} \cdot I$	96.1	96.6	97.5	97.7	99.7
1, 5	I	• 7	31.	81.3	31.4	H4.6	a s . 2	84.5	92.1	93.5	34.3	95.1	76.1	96.5	97.5	47.7	100.0
		• • • • •	• • • • • •	• • • • • • •		• • • • • •		• • • • • • •			· • • • • • •						• • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 2244

GLOPAE CLIMATOLOGY PRANCHUSAFETAC AIR WEATHER SERVICEAMAC

PLACENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY COSERVATIONS

STATION NUMBER: 275933 STATION NAME: KAZAN USSR PIPIOD OF FECORD: 78-87 MONTH: MAY - HOURS (LST): DEGE-02 CD VISIPILITY IN STATUTE HILES Ç.F. CEILING TN 1 GE FEET 1 10 GE GE 2 1/2 GE GF 02 2 1 1/2 1 1/4 68 bF ¥ 7/4 5/8 1/2 ¢/16 1/4 Ü NO CEIL I 53.4 59.7 60.1 €0.1 56.4 59.7 59.7 60.1 60.1 60.7 61.7 62.1 62.1 62.1 67+1 67+1 67+1 97+1 62:1 62:1 62:1 62:1 SE SECURI CE INTEGI 5 1 • 7 6 2 • 7 67.7 62.1 62.1 62.1 62.1 62.1 62.1 62.1 12.4 62.4 62.4 62.1 60.7 67.7 62.1 62.4 62.1 62.4 62.4 66 16 07 07 1 66 14 01 1 5.1.7 6C • 7 **6**3.7 62.1 62.1 62.1 42.1 62.1 62.4 62.4 62.4 t. .. . 7 60.7 62.1 62 •1 62 •1 62.1 62.1 62.4 62.4 62.1 62.1 62.4 87.4 87.4 87.4 87.4 81.4 84.2 84.2 54.2 34.2 65 10 (3) e J. 4 83.6 84.2 P4.6 P4.6 UE 7 001 UE 7 001 UE 5 001 80.9 84.2 P4.6 00.0 60.5 F1.2 A 3.6 84.2 84.2 84.6 84.6 84.6 84.6 85.9 81.2 81.2 82.2 80.9 H 3 . 6 83.6 84.2 84.2 P4 . 2 34.2 34.2 34.2 94.6 84.6 84.6 85.9 86.4 84.2 s u . 2 84.2 84.2 84.6 81.9 8°.6 P5.9 25.€ 95.5 95.6 5 001 45 (01 45 (01 35 01) 35 01 04. 1. 88.9 54.9 Re.9 8 . 6 88.9 99.3 58.3 88.3 69.3 34.7 36.6 +F.9 86.9 (,E 84.9 84.9 85.6 86.3 88.3 88.9 65.9 98.5 89.9 69.3 89.3 89.3 91.3 91.3 86.6 67.7 87.5 87.2 69.3 91.6 36.5 91.3 91.6 91.6 υE 90.6 90.6 91.3 07.6 91.5 92.3 91.6 0.7.4 84.5 88.9 92.3 92.3 93.0 21.0 93.0 93.3 93.3 25 21 y 2 . 6 87.1 89.1 89.1 90.1 93.6 93.6 23.6 93.6 28.1 98.4 93.5 93.0 23.6 74.3 94.0 94.0 1/E 69.6 95.C 90.9 90.9 92.3 1501 1501 1501 95. ° 95.5 95.8 95.i 95.3 25.3 95.3 8 9. (0 5. e 95.3 υE 29.9 94.3 94.3 94.3 95.5 96.3 ĢΕ 49.7 95.0 95.3 95.3 95.3 45.3 95.3 91.3 95.6 96.3 96.3 y1 .3 26.6 CF 96.3 96.3 46.6 96.6 96.5 i. E 73.E 94.0 97.3 97.3 98.0 38. C 98.0 30.6 99.0 78.3 94.3 98.3 92.t 28.0 98.5 98.3 ьE 72.6 93.0 94.5 94.3 97.3 97.7 97.3 97.7 98.0 98.0 98.3 28.3 48.3 98.3 93. 93.5 98.3 40.3 98.3 98.7 39.7 98.7 υE 96.3 98.3 98.3 98.7 98.7 r. E 9.1. 12. 43.3 94.3 97.7 97.7 98. 3 99.3 94.3 98.7 99.0 93.3 93.3 98.7 99.7 13.0 97.7 98.3 99.0 17. 95. 93.5 44.3 97.7 97.7 98.3 98.7 99.5 99.C 98.0 98.0 99.0 99.0 99.0 GE e - 1 13. ₹3. 93.3 94.3 47.7 98.7 29.0 44.7 99.0 99.0 99.3 99.3 99.3 ,c.n 90.0 93.0 93.0 99.0 99.0 99.0 1 € 93. 73.3 94.3 97.7 96.7 99.[39.0 99.3 99.3 99.3 9.3 93. 99.3 99.7 99. i, E 9 j., 93.5 54.3 47.7 98.3 98.7 99.0 10.0 24.1 99.3 100.0 - 1 9 /. , . ⊕ E 43.3 00.3 97.7 98.0 00.7 99. 09.7 90.0 20.0 99.0 99.3 79.3 100.0

TOTAL NUMBER OF ORSERVATIONS: 2+0

GERBAL CLIMATOLOGY SEASCH USAFETAC

PERCENTAGE ERROUGNCY OF OCCURRENCE OF CHILING VEHSUS VISIBILITY FROM HOURLY $\theta_0 S_E RVATIONS$

AIR MEATHER SERVICE/MAC

STATION NUMBER: 27595" STATION NAME: KAZAN USSR PETICO OF PECORD: 76-87
MONTH: MAY HOURS(LST): 9309-9500 VISICILITY IN STATUTE MILES CETETRO 6E GE 2 1/2 GE 4 GE GE GE 2 1 1/2 1 1/4 ٥E 63 ĜŁ GΕ FEET I 1 7/4 518 1/2 5/16 1/4 NO CETE I 53.5 53.8 53.0 54.2 56.1 56 - 1 56.5 56.5 56.5 5 - 5 50.1 c 9 . 1 UE 200001 F 6. 5 56.8 50.1 59.1 59.1 50.5 6E 167 071 6E 167 071 3 59.1 59.1 56.5 56.5 50.5 59.1 59.1 59.1 50.1 50.1 59.1 59.1 59.1 59:1 69:1 56.5 50.5 56.3 55.5 58.8 57.1 59.1 55.5 56.5 56.5 56.5 58.6 58.8 59.1 59.1 56.5 58.8 69.1 50.1 59.1 59.1 58.0 ψć 56. 56.0 56.8 59.1 59.1 59.1 59.1 59.1 10700| 9701| 8 00| 7100| 6700| PQ.4 61.4 37.4 37.4 61.4 GE • 3 75.1 76 .. 76 . . 76.4 18.7 79.1 79.4 87.1 P . J . 4 30.4 80.4 80.4 P C . 4 RC.4 RJ.4 79.1 79.4 8C.4 8-2 - 4 шE 76.1 76.1 76 . . 76.4 76.7 80.1 a7.4 67.4 8 C . 4 79 · 1 79 · 1 89.4 99.4 6E 70 · 1 75 · 1 16.4 75.4 79.4 85.1 30.4 83.4 60.4 • 3 79.4 80.7 L.E. 16.1 80.1 87.4 e 13 . 4 P () . 4 41.4 50 001 45 0 | 41 00 | 39 00 | 31 00 | * C. 7 * C. 7 * 3. 1 P5.4 R5.4 P8.4 45.4 95.4 96.4 95.4 95.4 CE. 53.7 PC • 7 81.1 93.7 84.1 £4.4 85.3 35.4 95.4 5 - 4 F5.4 81.1 83.4 63.4 . 3 3 3 . 7 32.7 33.1 83.7 86.7 84.4 85.0 86.0 25.4 35.4 65.4 68.4 ist. 84.1 85.4 . 3 87.4 87.4 83.4 88.4 88.4 39.4 87.0 87.0 63.1 93.1 -3.1 8 E . 7 98.4 90.4 P3.4 £8.4 F8.4 65.4 89.0 99.4 93.4 90.4 91.4 97.6 97.4 93.4 91.3 01.4 91.4 6F 46.1 -7.1 97.5 91.4 91.4 91.4 96 . C 89.7 91.4 85.4 19 23 19 23 15 27 3 91.4 68.7 92.0 92.7 93.2 93.3 91.7 9.5 92.4 93.6 93.0 94.4 93.4 6E 65 qs. 88.4 93.4 93.4 73.4 93.4 93.4 94.7 24.7 94.7 94.7 94.7 6.5 91.4 95.3 97.0 97.2 97.0 97.0 9 / 1 9 / 1 8 / 31 2 / 31 GF 97.4 97.4 90.4 90.4 91.4 91.4 94.7 95.3 91.7 97.3 97.3 97.5 97.3 97.3 97.3 97.3 97.3 G. 97.3 97.3 97.3 97.3 97.3 77.4 95.0 95.0 95.3 95.3 96.7 97.0 97.7 96.5 97.7 27.4 91.4 94.7 97.7 27.7 97.7 1 .. . 4 27.4 90.4 91.4 94.7 95.0 95.0 35. 3 97.0 98.0 98.0 -1.4 9 1.4 9 1.4 9 2.4 20.5 90.4 90.4 54.7 97.3 98.3 48.3 99.3 38.3 90.3 91.4 95.3 95.7 96.3 97.7 98.5 98.0 98.7 99.5 99.3 1,5 1,5 4 3 / L 3 / D L • 3 77.4 73.4 91.4 94.7 95.3 95.7 78.7 79.5 97.7 98.7 95.7 98.7 98.7 95.4 90.4 96.0 99.3 99.3 99.0 99.7 96.0 4.5.4 100.0 100.0 31.4 94.7 48. -99. 99.7 υ£ 1 .3 6 _ 4 91.4 99.0 . 30.0 93.4 \$4.7 95.3 96.0 98.0 99.3 99.7 99.7 99.7 100.0

TOTAL NUMBER OF OBSERVATIONS: 32

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CEILING 1 PROUS VISIFILITY FROM FOURLY OBSERVATIONS

STATION NUMBER:									061739 4747#	: MAY	HOURS	(LST):	ცნელ-ენ	co
CEILING			• • • • • • • •	• • • • • • • •			IN STATE			• • • • • • •	• • • • • • •		• • • • • • •	••••••
1N GL	GE .	GC 6E	4 3	6E 2 1/2	GΕ	GE 1 1/2	GE 1 1/4	GE 1	7/4	SE 578	6£ 1/2	GE 5/16	GE 1/4	GE O
40 CLIL .7	5 0+3	51.7 50.	7 51.J	5 2 • C	52.0	52.7	53.0	53.0	51.0	53.3	53.3	53.3	53.3	53+3
GE 145451 .7		55.7 55. 55.7 55.		57.3 57.3	57.3 57.3	5a. 0	58.3 58.3	58 • 3 58 • 3	59.3	50.7 50.7	58 • 7 58 • 7	58.7 58.7	58.7 59.7	5 8 • 7 5 8 • 7
0E 16 (67) .7		55.7 55. 55.7 55.		57.3 57.3	57.3 57.3	58•€ 53•0	58.3 58.3	5.82	5° • 7 5° • 7	58.7 58.7	58.7 58.7	6.7 9.7	58.7 58.7	58.7 58.7
GE 12: 5% •7		55.7 55.		57.3	57.3	58. ∟	50.3	58.3	59.Z	58.7	58.7	58.7	58.7	58.7
6E 10100 1.0 6E 914() 1.0 6E enunt 1.0	7 7 • 3	11.7 71. 77.7 71. 17.1 77.	7 77.0	AC.7 AC.7 2C.7	89.7 80.7 80.7	61.3 61.3 61.3	51.7 51.7 51.7	81.7 P1.7 P1.7	8] • 10 9 7 • 10 9 7 • 1	92.3 92.3	82.3 82.3 82.3	92.3 92.3	62.3 62.3	62+3 62+3
6E 7743 1.0 6E 6000 1.0	77.3	77.7 17. 18.5 78.	7 79.2	8 C.7 9 1 • 3	87.7	81.3	61.7 87.3	81.7 82.3	5	92.3 83.0	82.3	°2.3	87.3 83.0	82.3 83.0
₩ 53.401 1.0		90.J 8U.		33.7	83.7	84.3	a4 • 7	34.7	45.7	85.3	85.3	95.3	35.3	85.3
GE 45001 1.0 GE 45001 1.0 GE 35001 1.0	41.7	87.7 4J. 92.1 82. 82.1 92.	3 84.5	84.3 86.3 86.7	84 • 3 86 • 3 86 • 7	85.0 87.0 87.3	85 • 3 67 • 3 87 • 7	F5.3 F7.2 F7.7	n5.7 57.7 a^.0	86.2 89.3 85.3	86.0 89.0 68.3	°6.0 °8.0 °6.3	86.0 68.0 68.3	66.0 88.0 86.3
ue 35361 i.o		83.		P 7 • 3	87.3	88.5	56.3	99.3	16.7	99.6	89.0	69.0	87.D	9.D
GE 21.01 1.0 GE 21.01 1.0	V.E.	84 · 84 · 85 · ? . 35 ·	5 57.2	88.3 96.€	48.3 40.0	69.U 93.7	69.3 91.0	99.3 91.0	59.7 91.3	91.7	90.7 91.7	95.0 91.7	90.0 91.7	90.0 91.7
6E 1007 1.0 6E 1007 1.0	° 6 . 3	85.7 35. 86.1 86.	7 H9.7	91.3	90.3 91.3	91.0 92.J	91 • 3 92 • 3	21.3	91.7 90.7 91.0	93.3	92.0	93.0	92.0 93.0	92•0 93•0
06 1 23 1 1.0 06 1 23 1 1.0		30.7 88. 30.7 89.		73.5	93.3	94. Ú 95. D	94.7	95.7	26.2	95.3	95.3 96.3	°5•3	95.3	95.3
GE 907 1.7 GE 901 1.0	89.5	59./ 89. 85.7 89.	7 1.7	74.3	94.3	95.J	95.7 95.7	75.7 75.7	9/.0	96.3 96.3	96.3	96.3	96.3 96.3	96.3 96.3
of 773 1.0 6€ € 21 1.0		98.3 93. 98.1 93.		62.3	95.3 95.3	96.7 96.5	96.7 96.7	96.7 96.7	9 * • * * * * * * * * * * * * * * * * *	97.3	97.3 97.3	97.3 97.3	97.3 97.3	97•3 97•3
SE 7.31 1.5		90.5 90. 90.5 90.		7 ° • 3	95.3 95.7	96.0 96.3	96 • 7 97 • :	96.7	97.7	97.3	97.3 98.0	97.3	97.3 93.7	97.3 98.7
6E 7UT 1.0	: 5. 3	93.7 93.	7 92.7	96.0 96.0	96 • 7 96 • 7	76.7 96.7	97.7 97.7	97.7	y 5 . C	98.7	98.3 98.7	99.D	99.0	99.0
GE 1.31 1.0	S. J. I	93.	1 92.7	9.6.eu	96.5	96.7	97.7	3 B • U	46.3	99.1.	99.7	99.7	99.7	99.7
ωε I 1.0		97.7 95.			96.5	96.7	97.7	98.3	95.3	99.0	99.0	99.7	99.7	

CUT : TENTAL WAR OF OF GENERAL BATOL

GLOBAL CLIMATOLOGY HEANEH USAFUTAC AIR HEATHER SERVICE/MAC

PERCENTAGE PPROUENCY OF OCCURPENCE OF CFILING VEOSUS VISIPILITY FROM HOURLY OBSERVATIONS

					CH NAME:							FE ~ I 0 0 MC 4 T H	- MVA	HOURS	(LST):	3963-1 ₁	CO
	LING	• • • • • •			• • • • • • • •					IN STATE			• • • • • • •		• • • • • • •	• • • • • • •	
F E	N F	5E 6E	GF t	5E 5	6F 4		GE 2 1/2	GE	GE 1 1/2	GF 1 1/4	G E 1	7/4	GF 5 y a	GE 1/2	30 5/16	GE 1/4	6E 0
NO	CEIL I		53.2	63.L	53.2	53.2	5 3.8	53.8	54+2	p4 • 2	54.2	54.2	54.7	54.2	54+2	54.2	54.2
6 E	201031	• ?	56.3	55.5	56.5	56.5	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	6.7.5	57.5	57.5
1, E	190501	• ?	56.5	5 u • ⁻	56.5	56.5	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	5.7.5
ĿΕ	167 334	. 7	50.5	56 .	55 . 5	56.5	57.1	57.1	57.5	57.5	57.5	57.5	5.7.5	57.5	57.5	57.5	57.5
υ£	197.371	• 3	56.5	56.0	55.5	56.5	57.i	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
ЬĹ	120001	. 3	50.5	56.5	56 • 5	56.5	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GΕ	130071	. 3	75.7	75.7	75 • 7	75.7	76.7	76.7	77.1	77.1	77.1	71.1	77.1	77.1	77.1	77.1	77.1
GE	90001	. 3	75.7	75.7	75 • 7	75.7	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
űE	3 ~ JA	• ?	15.1	75.7	75.7	75.7	76.7	76 . 7	77.1	77 - 1	77.1	7.1	77.1	77.1	77.1	77.1	77.1
3.5	7.06.41	. 3	76.4	13.4	76 • 4	76.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
υŁ	61901	. 3	76.7	75.7	76 • 7	76.7	77.7	77.7	75.1	78.1	78.1	7: -1	76.1	78.1	78.1	78 • 1	78.1
7,5	52441	• 3	79.7	19.7	79.7	79.7	80.7	an.i	d 1 . 1	01.i	61.1	51.1	°1.1	∘1•1	21.1	01.1	81.1
GΕ	95 35 1	. 3	9 : 1	97.1	PJ • 1	89.1	81.1	81.1	81.4	61.4	31.4	31.4	91.4	81.4	91.4	61.4	81.4
6 E	40651	• 3	92.1	92.1	82 • 1	82.1	83.1	83.1	83.4	63.4	83.4	H 7 . 4	67.4	83.4	R 3 . 4	83.4	P 3. 4
ijΕ	35 001	. 3	F 2.7	82.7	82.7	82.7	83.7	83.7	94.1	84.1	R4 . 1	40.1	F4 . 1	34.1	54.1	84.1	84.1
БE	37-31	• 3	34.1	54	84 - 1	84.1	85.0	85.0	85.4	85.4	95.4	4 F . 4	€ 5 • 4	85.4	05.4	85.4	55.4
SE	25.771	. 7	97.4	87.4	87.4	E7.4	86.4	88.4	88.7	88.7	98.7	8F . 7	8 ŝ • 7	88.7	P5.7	59.7	n 8 • 7
GE	20001	. 3	9.9	87.	39.3	87.0	90.0	90.0	93.4	93.4	90.4	94.4	9.1 • 4	97.4	92.4	97.4	90.4
οE	10 :1	• 3	75.7	90.7	93.7	97.7	91.7	91.7	92.3	3.59	92.5	95.0	92.3	92. :	72.1	32.0	92.0
GΕ	11 531	. 3	÷1.4	91.4	91.4	91.7	92.7	92.7	93	93.C	93.0	9 7 . 0	23.0	93.0	23.3	93.0	93.0
νĒ	12 59 İ	. 3	9-1	92.7	92.7	93.5	94.3	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	54.4
f+Ε	17.21	. 3	74.7	94.7	94.7	95.0	7ۥJ	96 •C	76.3	96.3	96.3	96.3	96.3	46.7	76.3	y6.3	96.3
ьE	أدرو		75.3	95.3	√5 • 3	99.7	96.7	96.7	97.5	97.3	97.0	97.7	27.0	97.0	97.3	97.D	97.0
3,3	ا تر a	. 3	25.3	35.3	75.3	95.7	97.0	97.0	97.3	97.3	27.3	97.3	97.3	97.3	97.3	57.3	97.3
üξ	1.31	. 3	95.7	95.7	95.7	96.5	97.3	97.3	97.7	97.7	97.7	v 7 . 7	97.7	97.7	97.7	97.7	97.7
υE	+1	• 5	. 5. 3	96	76.3	94.3	98.0	93.₽	98.7	98.7	78.7	y . 7	99.)	99.0	0.00	93.0	99.0
6Ł	554	٠ ،	36.	75.	90.0	96.7	98.0	#8.º	98.7	98.7	98.7	96.7	ر.وه	99.0	99.0	99.0	99.0
i. E	4501	. 3	3.30	76.	96	96.3	98.5	92.0	99.	99.	99.5	10.0	79.3	29.3	99.3	99.3	99.3
6.5	7.00		10.	16.	96.5	95.3	96.9	98.0	99.	, 9	29.0	40.0	99.3	99.3	69.3	99.3	99.3
θÉ	7.01	. ?		76.	76.0	96.3	96.0	98.0	99. :	99.	29.	90.0	99.7	99.7	176.0	100.0	10.0
üξ	: 11	. 3	46.	96.	36 • 3	95.3	76.0	98.0	97.6	99.0	20.5	ýr.n	37.7	99.7	173.0	100.0	10.0
bΕ	-1		÷be.	96.	76.J	66,3	د.ه ب	98.8	ن.99	,9.5	24.5	95.7	94.7			100.0	100.0

GEREAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VEHICLS VICIEILITY FROM FOURLY COSERVATIONS

STATION NUMBER: 27595 " STATION NAME: KAZAN USER

SIVITUM MI											210% [18		HOURS	(LST):	1200-14	
CE IL ING	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •			IN STATE			• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
IN I	9E 10	es e	e E	65		6f 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	ee:	Γ± 7/9	64 57#	GE 1/2	GE 5/16	GE 1/4	υξ Ο
			• • • • • •	• • • • • •	• • • • • •		• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •		• • • • • • • • • • • •
NO CEIL !	٠ ٦	46.0	46.0	45.1	45.8	4 t • n	46.5	46.8	46. ~	46.8	46.0	47.1	47.1	47.1	47.1	47.1
6r 207001	• 3	50.8	5 1 • 5	5J.s	5 1 . 6	51.8	50.8	5 1. 8	5 j . 8	50.8	50.4	51.2	51.2	c. 1 . 2	51.2	51.2
15 147551	• 3	5	57.0	50 • s	5 j • 8	5 t; •8	57.8	50.8	5	50.8	50.4	51.2	51.2	5.1 • 2	51.2	51.2
0E 16 21	. '	F 247	50.5	50 e E	5.3 • 8	50.49	5°.9	5 ე• ი	50 • P	ទីធិ∙ខ	57.4	51.2	51.2	51.2	51.2	51.2
GE 147071	• 3	50.0	o `•"	りこ・3	57.1	56.00	50.8	5 J • 8	50•€	50.8	9ۥ3	51.2	51.2	51.2	51.2	51.2
GE lates	• *	50 Jan 18	5 1.4	50 • s	57.9	50.00	50.3	50.8	50.8	50.5	5F.3	51.2	51.2	·1 · 2	51.2	51+2
ut londol	. 7	U 4 + €	54.6	64.5	64.6	54.6	64.6	64.0	64.5	44.6	+,4 ,6	05.€	65.3	65.3	65.0	€5.0
-E 91001	• 7	6.4.6	54.6	64.5	64.6	64.6	64.6	64.6	54.6	44.6	64.5	65.0	65.	(5.3	65.0	65.0
oE a a⊝1	. ?	64.t	54.6	54 • 5	64.5	64.6	64 .6	64.6	64.6	64.6	64.6	65.3	65.0	65.3	65.0	65.0
5E 71 JUL	. 7	64.6	64.6	64.5	64.6	64.6	54.6	64.6	64.1	64.6	ۍ اد به ځ	55.0	65.7	65.J	ა ∿ • ე	65.0
95 6,751	• 7	5 S	55."	u5 • J	65.7	65.6	65.4	65.2	55.°	65 • C	65.0	65.3	65.3	65.3	υ5 . 3	65.3
6F 5 5 1	1.0	73.4	73.4	73.4	73.4	7 : .4	73.4	73.4	73.4	73.4	77.4	73.7	73,7	73.7	13.7	73.7
SE 45 01	:.4	7 . 4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	77.4	73.7	73.7	73.7	73.7	73.7
SE 47.31	1.3	42.2	b 2 • c	24.4	42.2	82.5	82.5	82.5	62.5	92.5	67.5	82.5	92.9	92.5	82.8	92.8
6F 35 . 14	1.5	43. 6	> 1.2	53.2	H3.2	n 3 . 5	87.5	83.5	83.5	93.€	47.5	23.6	A 3 . A	9 3 • d	63.8	F 3 . 8
6E /1921	1.0	44.5	3 4 ∗ €	व्य • ड	84.5	85.2	65.2	65.2	55.2	P5.0	01.2	35.	85.5	e 5 • 5	85.5	F 5 • 5
GE 25 30	1.7	4	40,0	£6 • 9	8P.9	89.6	89.6	84.6	89.6	F9.6	8°.6	89.9	89.9	99.9	80.9	69.9
ur 21 /1	1.0	21.6	9:00	91.5	01.6	92.6	92.6	92.6	7: 9	92.9	10.9	23.5	93.3	03.3	93.3	93.3
6.5 12.71	1.7	42.5	93.7	92.3	92.9	93.9	93.9	93.9	94.3	94.3	74 . 7	14.6	94.6	24.6	94.6	94.6
GE 15351	1.0	34.3	24.5	94.5	04.7	95.3	95.3	95.3	75.6	75.6	75 × 6	96.3	76.3	C.00	95 · g	96.0
66 17 UM	1.5	24.9	94.7	54.5	94.9	96.0	96.0	96. 3	96.3	96 • 3	91 . ?	96.6	76.6	76.6	96.6	96.6
6E 11394	1.7	95.1	ئ، ،∔	خ واد	95.5	96.6	76 .6	96.6	97.	97.0	97.5	27.3	97.3	27.3	97.3	97.3
6t 0:01	i. 7	25.6	16	96 . 1.	95.7	97.3	97.0	97. L	₹7·3	27.3	97 • T	97.6	97.6	77.6	97.6	97.6
C1 3 (1)	1.7	75.6	76.	ز. د با	96.3	97.3	97.3	97.3	97.6	77.6	47.6	Ja. 7	98.7	98.5	99.3	98.0
di 7721	1.7	25.€	16 m	90 • ∂	96.3	97.3	97.3	97.3	97.6	27.€	17.6	99.0	99.0	¢9.J	9 P . S	98.0
.E. 1,⊎1	1.0	5 De C	· · ·	96 • J	46.3	45.5	98.5	98.7	98.7	26.2	90.7	29.0	99.0	39.0	60.0	99.0
ut 1,14	1.0	5 het	€.	50.0	96.3	91.0	99.0	78.3	98.7	96.7	98.7	99. n	97.0	29.3	99.3	79.3
55 4 £	1.0	25.5	34.0	76 . 3	95.6	98.3	98.3	98.7	42.0	29.7	99.0	99.5	99.3	29.7	99.7	94.7
ot feet	1 • "	: 5.6	16 . 1	96.3	57.3	98.7	98.7	99.	49.	39.7	20.3	49.7	99.7	170.3	100.0	100.0
GE TUME	1.0	15.6	16	25.3	57.3	98.7	98.7	99. 5	40.3	99.1	40.3	79.7	99.7	170.0	100.0	100.0
CE : 201	:•^	75.6	10.2	96 • 3	97.0	7 € • 7	99.7	94. L	79.3	99.3	* C * s	99.7	99.7	170.0	100.0	100.0
	:	75.6	16.3	ۇ . ئ از	97.	•	98.7	99.3	99.3	00.3	96.3	99.7			100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 277

CLOBAL CLIMATOLOGY PRANCE ISAFETHO AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CRILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 2789. " STATION NAME: KAZAN USAR

PERION OF RECOPD: 78-67 MONTH: MAY FOURS(EST): 1500-1700 TN | GL OF 16. GŁ Gξ 5/6 1/2 5/16 1/4 43.0 47.3 45.8 43.8 . : 43.3 43.6 43.4 43.5 43.5 43.2 45.0 45.8 GO CETE ! 43.6 4 7.00 43.6 50.2 57.2 50.2 50.2 r 3.2 0F 200601 50.2 50.2 5 C + 2 50.2 30.3 20.3 50.2 56.2 5 1.0 50.2 50.2 50.2 50.2 50.2 50.2 50.2 90.0 90.0 90.0 5 1.2 50.2 50.2 50.2 50.2 50.4 50.4 187071 187071 .7 53.2 50.2 50.2 50.2 50.2 50.2 50.2 56.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 50.2 4.5 147621 53.2 57.2 50.2 50.2 54.3 50.2 50.2 50.2 50.2 50.2 GE 50.2 5 J. 2 50.2 50.2 50.2 1~.9 1r.3 1r.3 50.4 77.2 70.9 70.9 73.9 73.7 73.9 70.9 7 001 3 001 7 001 6 001 73.9 73.9 1.0 69.9 6 7.9 69.9 69.9 69.9 79.9 70.9 70.9 70.9 75.9 75.9 73.9 73.9 70.9 73.9 73.2 76.9 70.9 76.9 70.9 70.9 70.9 CE 73.2 77.2 70.9 57.5 70.7 7].9 73.9 70.9 70.9 72.9 71.6 ı,E 1_.t 73.5 73.3 11.6 71.6 71.6 71.€ 71.5 71.t 71.6 71.6 71.6 71.6 17501 1.0 1.0 1.0 1.0 74.6 79.3 79.3 79.3 79.3 75.3 79.5 79.3 ' E 77.5 79.3 76.3 79.3 79.3 74.3 79.3 7 - 6 79.6 79.6 45.24 79.9 79.6 79.6 79.6 79.6 77.6 79.6 79.5 79.6 79.6 79.6 # 401 25.1 35.201 35.3 35.6 85.2 56.J 67.U F7.3 67.0 67.3 37.J 87.3 87. 87.3 97.J F7.0 υ£ 86.3 67.C 27.0 97.0 P7.3 47.2 67.3 υL 98.0 80. 89.6 99.6 89.6 09.6 97.3 57.6 27 cml 27 cml 17 cml -1.6 97.1 97.1 92.3 92.6 97.2 1.3 93.3 93.3 92.3 92.5 93.3 93.3 93.3 93.3 93.3 93.3 93.3 43.3 93.6 i.f 92.6 93.6 23.6 93.i 97.6 97.6 93.6 93.6 93.6 93.6 , 4 . 3 94.3 94.3 94.3 24.3 24.3 94.3 94.3 94.3 94.3 94.3 ьŧ 95 . .. 96 . 3 95.3 96.0 96.0 96.7 96.3 97.7 91.7 96.1 97.7 96 • 0 97 • 7 : 4 . . 96.0 96.3 96.0 97.7 1.7 97.0 97.0 97.0 97.7 97.7 47.7 96.7 1.8 25.7 98.7 98.7 98.7 79.7 9€.7 98.7 36.3 97.J 98.7 98.7 99.7 24.7 28.7 υĹ 98.7 99.7 99.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 υŁ 99.7 98.7 f-E f,E 40.7 99.3 46.3 40.7 90.7 99.6 99.0 97.3 98.3 97.7 99.7 99.7 99.7 97. 150.0 150.0 150.0 150.0 5.51 1. 97., 100.0 100.0 UE 10. 90.1 100.0 100.0 162.0 39.3 99.3 99.7 100. 100.0 100.0 66°3 99.3 100.0 4 3 99. 7 100.0 'nέ 1.3 16.3 97.0 00.3 100.0 100.0 100.0 170.0 170.0 170.0 100.0 16.3 91.0 35.3 99.7 100.0 170.3 100.0 1.7 99.7 160.0 6£ +7. 97.3 99.3 99.3 99.7 100.3 100.0 1 1.7 97. bΕ 26.2 91. 98.3 90.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS: 7199 GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VEHILLS VISUABILITY FROM HOURLY OBSERVATIONS

		•		STATI								MONTH	: 14 A Y	COPD: 78-67 HOURS(LST): 1800-2000				
CEIL			• • • • • •	• • • • • •		• • • • • •	• • • • • • • •	VISI	PILITY	IN STATE	JTr Mil	F 5				• • • • • • •		
16		ſ-L	C.F	GF	GΕ	GE	GF	GE	G£.	υŁ	GE	٠,	far	GE	GE	GŁ	GE	
FEE	1 1	1.7	Ł	١,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/3	1/2	5/16	1/4	Ü	
		· • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • •		
NO 0	1 113	. 3	42.	9 Fr #2"	48.5	48.0	4 3	48.3	د • 49	45.3	49.3	40.1	48.5	٠۵.5	48.3	48.3	46.3	
ul .	ran da k	. 1	55.4	55.4	55.4	55.4	55.8	55.8	55.0	3505	55.8	50.9	65.8	55.3	55.d	55.8	55.8	
CI 1	8:001	. 3	E 5 . 4	55.4	55 . 4	55.4	55.6	55.8	55.8	55.0	55 . 8	55.4	15.9	55.5	5.5.5	55.8	55.8	
of 1	E1, U11	. 3	55.4	54.4	55.4	55.4	55.6	55.8	55. 5	55.8	55.8	5,5,4	55.8	55.9	55.6	55.8	55.8	
(if I	40531	. 3	55.4	55.44	95.4	55.4	55.8	55.8	55 • 8	55.4	55.8	55.0	55.3	55.3	55.6	55.8	55.6	
6E 1	27 301	• 3	55.4	55.4	55 • 4	55.4	55.0	55 -8	55. 5	55.8	55.8	5	55.h	55.9	15.8	55.8	55.8	
ui l	ion and	• 3	72.6	72.3	72.5	73.5	73.8	73.9	73.€	73.9	73.6	77.0	74.1	74 • 1	74.1	74.1	74.1	
	51001	. 3	72.5	7.1.2	12.5	73.	73.8	73.8	73.8	73.8	73.8	73.4	74.1	74 - 1	74.1	74.1	74.1	
υE	a" edil	• 3	72.1	77.0	72.5	77.5	73.8	73.9	73.8	73.a	73.8	7	74.1	70 • 1	74.1	74.1	74.1	
(, t	70 001	. 3	73.1	7.5.1	73.1	73.8	74.1	74.1	74.1	74.1	74.1	14.1	74.5	74.5	74.5	74.5	74.5	
6.6	67011	. 3	74.1	14 +1	74 . 2	74.5	75.2	75.2	75.2	15.2	75 • 2	75.43	75+5	75 • 5	75.5	75.5	75.5	
ьŧ	on unit	. 7	9 E . t	8 P + 6	90, €	61.3	81.6	81.5	81.6	81.6	81.6	51.6	42.1	52.7	F2.3	82.0	92.0	
υŧ	42 6 21	. 1	91.1	a 1 • 3	41.5	82.2	92.3	A2.3	82.3	62.3	92.2	49.3	82.7	82,7	F 2 . 7	62.7	A2.7	
υE	4 " () [. 3	37.€	e7.3	27 · 3	E9.4	ರಕ•७	88.8	88.6	88.3	98.6	٠٠٠ د	3 4 . 1	87.1	99.1	89.1	89.1	
ι[35.21	• 3	A 8.4	5 A .4	46.4	89.1	F 9 .5	89.5	89.5	80.5	29.5	1.0	\$ 4 . b	39.8	89.8	57.8	F 9 . 8	
ι. ξ	30 201	• 3	5 a* b	31.3	98.5	89.5	93.1	90.1	90.1	90.1	93.1	57.1	93.5	70.5	90.5	90.5	96.5	
ωF	24:01	. 7	2.5	12.5	92.5	93.2	93.9	93.9	93.9	93.9	73.9	92.9	54.2	74.2	24.2	94.7	94.2	
G.E.	27.121	• 3	23.5	9 (45	73.5	94.2	94.9	94.9	94.9	94.9	94.9	94.0	75.2	95.7	95.2	95.2	95.2	
ÚΕ	1901	• 3	340	90.7	94 . č	64.3	95.6	₹5.6	95.6	95.6	35.6	y 5 . fs	₹5.¥	32.4	95.9	95.9	95.9	
	15 [7]	• ?	04.6	34 €	34.6	95.2	95.9	95.9	95.9	95.9	95.5	9 ° • 9	36.3	96 . 3	26.3	96.3	96.3	
1.6	17671	. 3	25.5	, , , ,	95.9	96.€	97.6	99.3	98. ü	98.3	Ju . C	٠,٠.	34.3	78.3	99.3	98.3	98.3	
SΕ	1 . 1	. 3	16.3	د ۱۰۰۰	56.3	96.9	98.0	98.3	98.3	98.3	98.3	90.7	00.6	99.6	≎8.6	98.6	96.6	
O.E.	9.01	• 3	76.2	26.3	96.3	56.0	3.30	48.3	98.3	98.3	98.3	99.	٠, ٤, ٤	98.5	≎.6	46.6	98.6	
GE	6.51	• *	96.6	16.4	30.1	97.6	96.6	99.0	99.C	99.0	90.[4. • ,	99.3	99.3	99.3	60.3	59.3	
ιC	7 01	. :	30.0	40.3	96.9	97.€	9 . 9 . 9	99.0	97.0	99.C	33.5	43.0	3	99.3	99.3	99.3	99.3	
i, e	62.1	• 3	36.6	36.9	\$6.9	98 +1,	59.W	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	
υŁ	5 01	. 3	76.0	¥ ,. • 9	96 • 9	98.0	30.0	99.3	99.3	99.₹	79.3		99.7	99.7	09.7	99.7	99.7	
6.5	4 }		96.6	96.5	24.40	99.5	95.0	90.3	99.3	99.7	39.7	-7.7	113.0	103.3	100.5	100.0	100.0	
υE	10.74	• ?	ે હ∗ દ	31.00	26.7	98.7	95.0	97.3	99.3	99.7	99.7	99.7	100.0	100.0	100.5	100.0	100.0	
(,E	2001	. 3	9.0.6	96.9	96.9	9A.~	9.5 • 0	99.3	99.3	99.7	09.7	99.7	100.0	100.0	1 10.0	100.0	100.0	
ĢĒ	1001	, T	76. b	96.9	90.9	99.€	95.0	99.3	99.3	99.7	69.7	99.7	170.0	100.0	100.0	100.0	100.0	
ા	. 1		26.6	96.9	96.9	98.5	26.5	99.3	99.3	97.7	09.7	35.7	19.2.6	100.0	100.0	100.0	100.0	
• • • •	•••••		• • • • • •	• • • • • • •	• • • • • •					• • • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	

TOTAL NUMBER OF ORSERVATIONS: 2+4

GLOBAL CLIMATOLOGY PRANCH USAFETAC

STATION HUMBER: 27595" STATION NAME: KAZAN USER

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY COSERVATIONS

PERIOD OF MECORD: 78-87

99.7 99.7 99.7

46.0 98.0 98.3 99.3 99.7 40.7 1mm, 100.0 100.0 100.0

99.7

99.7

99.7

99.7

99.7

193.0

99.7

99.7

99.7

99.7

90.7

59.7

100.0

99.7

99.7

100.0

99.7

99.7

99.7

100.0

AIR WEATHER SERVICE/MAC

STATION NUMBER	PR: 54262.	21111	Ch NAME:	Kaza	N USSR	MENTH: MAY POLASCESTI: 2100-23ED									
											•				
CEILING						V 15 1		IN STATE	ITE MIL	E S					
16 50		61	GE	GE	CE	GE	GE	6-	GE	$\gamma_{\mathbf{L}}$	61	ĜΕ	GE	GE	GE
FCCT		-	4	3			1 1/2		1	1/4	5/0	1/2	5/16	1/4	U
• • • • • • • • • • •	· · · · · · · · · ·	• • • • • •		• • • • • •		• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • • •
NO CFIF !	56.1	£ # +1	56 • i	56.5	5.7.1	57.1	57.1	57.1	57.5	57.5	57.5	57.5	r1.5	57.5	57.5
SE applied	62.1	5.2.1	62.1	62.5	63.1	63.1	63.1	63.1	63.5	67.5	63.5	63.5	63.5	63.5	63.5
ut 10" uCl	67.1	6.7 • 1	62.1	62.5	63.1	63.1	63.1	63.1	63.5	61.5	63.5	63.5	43.5	63.5	63.5
GE 197001	6 d+ i	5 7 - 1	52 - 1	62.5	63.1	63.1	63.1	63.1	53.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14marl	62.1	62.1	62.1	62.5	63.1	63.1	63.1	63.1	63.5	5 7 o €	43.5	63.5	63.5	63.5	€3.5
6E 12" 55	62.1	5.1	62	62.5	63.1	63.1	63.1	63.1	63.5	67.5	63.5	63.5	63.5	63.5	63.5
JE 1 m 5.11	76.7	70.7	76.7	77.4	70.4	78.4	78.4	79+1	79.4	70.4	79.4	77.4	79.4	79.4	79.4
SE 97511	76.7	76.7	76 . 7	77.4	78.4	78.4	73.4	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
€E 8	76.7	16.7	75 • 7	77.4	78.4	78.4	78.4	79.1	79.4	7 = . 4	79.4	79.4	79.4	79.4	79.4
6E 7:551	76.7	7 6, 47	76.7	77.4	76.4	78.4	78.4	79.1	79.4	79.4	74.4	77.4	79.4	79.4	79.4
ti 6 til	77	7 7 • 1	77 • 1	77.7	76.7	78.7	78.7	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE SCHOOL	32.4	#2.44	92.4	83.1	84.4	84.4	84.4	85.C	P 5 . 4	4 c . u	85.4	35.4	P5.4	55.4	95.4
SE 45 JULY	92.7	B 2 • 7	62.7	83.4	84.7	84.7	85.5	85.7	96 ⋅ U	26.	16.0	86.3	£6.Ü	86.0	86.0
6E 4765]	6.7.	87.0	87.J	87.7	89.6	89.0	87.4	90.2	99.4	٠- ب	3.3 • 4	93.4	90.4	5 N . 4	¢ C • 4
CE 35 1 5	n € • ∵	83.1	98 . j	6R.7	96.0	90.0	90.4	91.0	91.4	91.0	91.4	91.4	91.4	y 1 . 4	91.4
DE 3 DOL	a a. 7	6 2 . 7	89.7	F 9 . 7	91.4	91 • 4	91.7	92.4	72.7	37.7	92.7	92.7	92.7	92.7	92.7
GE 25.201	21.7	91.7	91.7	92.7	74.4	94.4	94.7	95.3	25.7	, c , 7	95.7	95.7	95.7	95.7	95.7
SE 2561	+1.7	7.1	92.1	93.7	25.7	95.7	96.€	76.7	97.	97.3	97.0	97.0	97.0	97.D	≎7.6
GE 19 Juli	9.3.	93.	93.0	94.0	96.40	96.0	96.3	47.C	97.3	37.3	97.3	97.3	97.3	91.3	57.3
ur 1' 'l	73.4	7 7 44	03.4	94.7	9€.7	96.7	97.5	97.7	98.0	95.3	78.J	98.0	98.5	9 A • C	ម្
ut instit	24.	94 •	94 • U	95.2	97.3	97.3	97.7	98.3	38.7	90.1	98.7	99.7	99.7	99.7	98.7
or insul	: 4.4	94.4	94.4	45.7	97.7	97.7	98.5	98.7	39.0	, 2 . 1	99.1	99.7	99.9	99.0	99.0
⊌ ξ ? ∴ [34.4	+4.4	04.4	55.7	97.7	97.7	98. ∂	98.7	33.3	* 5 * 3	99.	99.0	99.0	33.0	99.0
12 E 18	> 4 • 4	64.4	94.4	95.7	37.7	47.7	98. J	y F 7	39 • C	A 3 * 4	33.7	38.0	63.7	99.0	99.0
(5 757)	74.4	-4.4	÷4.4	Ç . 7	77.7	97.7	98.5	98.7	93.	49.7	44.0	99.7	0.66	99.0	99.G
UE 6001	24.4	94.4	34.4	95.0	78.0	98.0	98.3	99.3	99.7	92.7	29.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OFSERVATIONS 7...1

; 4 . 4 ; 4 . 4

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74.4

214.4

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14.4 14.4

94.4

14 4

74.4 94.4

94.4

94.4

94.4 76.0

30.0

98.6

98.0

96.0 96.0 96.0

98.0

98.0 98.0 98.0

98.0

98.3

98.3 99.3 99.3

98.3

99. 3

99.3 99.3 99.3

GLOSAL CLIMATOLOGY DRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VICIBILITY FROM HOURLY CASE RVATIONS

AIR AF ATHER SERVICE/MIC

 \circ

PERIOD OF PROJED: 78-87
MONTH: MAY HOURS(ES STATION NUMBER: 275950 STATION NAME: KAZAN USSR HOURS(LST): CEILING VISIBILITY IN STATUTE MILES GE 61 2 1/2 ı IN | FEET | GE GE 2 1 1/2 6<u>5</u> 1 1/4 GF. 6E GE 1/2 52.5 5.1.7 51.5 50.2 52.2 52.4 52.4 52.5 52.5 52.6 52.5 NO CETE J 92.4 51.4 57.6 52.6 c7.2 57.3 56.2 UE 2.7674 50.0 56.9 57.1 57.1 57.2 57.3 57.3 57.3 57.3 57.2 57.2 57.2 57.2 57.3 57.3 77.3 57.2 57.1 57.1 57.3 6E 18: 3.1 50.0 50.0 50.5 56. 50 • J 56 • J 56.2 56.2 56.9 56.9 56.9 56.9 57•1 57•1 57.3 57.3 57.3 . 3 57.2 57.3 57.3 57.3 57.3 51.3 57.3 56.0 50.0 56.3 56.2 56.9 56.9 57.1 57.1 57.3 5 h. ; 56. 56 . 0 56.2 56.9 GE 10001 GE 97001 GE 80001 GE 70001 GE 6001 15.5 76.7 74.8 76.5 76.7 76.7 76.7 74.3 74.3 74 . 3 76 .0 76.2 76.5 76.0 76.7 76.7 74.3 14.3 74.5 74.8 76 .C 76.2 76.5 76.5 76.5 16.6 76 • 7 76.7 76.7 76.7 75.6 75.7 74.5 74.2 74.3 74.8 76.0 76.0 76.2 76.5 76 • 7 75 • 8 76.7 76.9 76.7 76 . 7 74.4 76.7 77.4 76.5 77.6 75.2 75.2 75.6 76.6 76.9 77.1 77.6 82.7 Shich . 5 02.4 92.7 62.7 79.9 3 1.1 87.6 91.9 32.2 02.5 5.50 82.6 82 6 83.1 61.9 ₽Z.E ₽7.4 63.0 67.6 95.2 4 55 1 35 74 82.7 87.3 57.9 82.3 27.4 63.0 83.0 P7.6 # 4.4 # 4.4 # 5.0 6 3 . 3 ٤. ز ۵ 52.2 86.7 82.5 87.1 83.0 67.0 50.6 82.2 34.6 84 + 5 45 + 2 85.2 86 .8 r7.6 85.9 87.0 98.2 89.0 38.2 υŧ 87.7 87.4 87.4 ир. 9 18.0 33.9 49. 89.6 91.3 91.3 91.6 91.8 91.9 47.5 52.1 72.1 92.1 2500 92.1 94.1 27500 1850 1550 1750 6 1.1 9 3.8 9 1.7 9 1 • 3 9 1 • 9 9 1 • 9 90.3 93.5 92.8 92.5 93.1 93.6 93.4 94.1 33.5 93.6 93.6 94.3 03.7 93.7 94.4 95.4 93.7 91.7 . 6 . 7 91.6 94.6 75.4 (E. 11.7 94.5 94.5 95.1 55.2 75.4 95.4 95.9 ×3.1 93.1 95.9 96.6 96.7 40.3 36.7 95.7 96.9 96.9 94.0 96.2 17 LC | | 0 L7 | | 0 Fm | 27.7 43.9 94.7 96.7 96.7 97. 0 97.5 97.7 97.7 97.7 -3.1 93.5 30.9 97.5 97.7 97.7 47.9 6,8 34.j 94.1 94.9 76.6 77.0 97.8 97.9 97.4 97.9 38.1 ι, ε 97.1 77.4 75.1 98.1 96.1 94.2 7. 1 94. 95.1 97.2 97.5 98.5 95.3 25.4 v R . U 98.4 58.2 98.9 10 E 74. 19.2 94.3 95.4 97.5 97.6 99. 3 36.7 74.5 79.0 28.9 98.9 19. GF 74.1 74.1 34.3 94.5 95.4 77.5 97.6 98.1 98.6 96.7 400.4 99.0 29.3 99.0 99.0 4 () (3 - 2) \$ = .4 5 5 . E 14.3 94.5 98.2 98.3 98.3 97.7 97.8 39.0 . 7 . 1 99.3 99.2 99.4 99.4 99.4 97.6 97.7 99.9 39.2 , . . . 1.5 74. 74.3 14 . 4 99. 24.4 99.4 99.5 90.5 99.5 أتدن 14.5 14.3 . ج ۾ 99.7 99.8 94.4 97.7 99.7 59.5 79.5 9.3 94.3 95.5 97.7 97.8 99. 29.2 29.6 99.6 100.0 1 94.2 99. 3 29.2 22.2 \$3.6 99.6 79.4 99.8 100.0 73.3

TOTAL NUMBER OF OSCIRVATIONS: 23+.

GLOGAL CLIMATOLOGY SRANCH USAFETAG AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF OCCUMPENCE OF CTILING VEHICLS VISTRILITY FROM HOUGHY COSE TRATIONS

STATION	ยกพ่อ	€₽:	275357	2 L v L I	CR NAME:	KAZI	11 USSR							JPD: 75			
												мертн 			11.571:		00
.E.IL.I':6	• • • •	• • • •				• • • • •				IN STATE				• • • • • • •	• • • • • • •		•••••
IN	1 6	E	GF	6.	G.E.	GŁ;	GF	G F	GE.	ō£	3.0	∴ Ł	GF	13.6	(_J F	61	GE
FFLT	1	11.	t,	د	4	5	2 1/2		1 1/2		1	7/7	5/:	1/2	5/16	1/4	ε
• • • • • •	• • • •		• • • • •	• • • • • •	• • • • • • • •	• • • • •	• • • • • • • •	• • • • • •					• • • • • •	• • • • • •	• • • • • •	• • • • • •	
O CEIL				20.0	50.0	50.3	5 5.7	50.7	5.1.7	51.4	51.4	51.4	51.4	51.7	61.7	51.7	52.0
O CLIL	1		1000	3:1.	70.00	53.5	3	3 , • 1	3 () 0 /	51.4	21.4	71.4		31.1	· - • /	51.7	52.0
e ambo	l .		>1.4	51.4	51.4	51.7	52.0	52.0	52.0	52.7	52.7	57.7	12.7	53.7	5.3)	53.0	53.4
E iakun	1		51.4	51.4	51.4	51.7	92.5	52.0	52.0	52.7	52.7	52.7	52.7	53.7	53.0	53.0	53.4
E 16703	1		1.4 د	51.4	51.4	51.7	52.3	52.0	د و ع د و ع	52 • 7	52.7	57.7	52.1	53.0	53.5	53.0	53.4
£ 1450°	ŧ		5 1 4	5 1.4	51.4	51.7	5.2.0	52.7	52.0	52.7	52.7	6.7.	12.7	53.0	53.J	53.0	53.4
E 12060	Ì		51.4	5 1 . 4	51.4	51.7	54.3	52.0	52.1	52.7	5.2 • 7	7.7	52.7	53.0	5.3.0	53.0	53.4
£ 1.130			€ 3.7	L 13 . #	69.4	70.3	75.3	73.9	73.9	71.6	71.6	71.5	71.6	72 • 7	72.0	72.C	72.3
E 9150			63.7	64.6	159 . 9	IA.I	79	19.9	70.9	71.6	71 • E	71.,	71.6	72.3	73.0	72.0	72.3
[5 1 kg*			69.4	57.5	69.4	70.5	71.9	70.9	70.9	71.6	71.6	71.0	71.5	72.7	72.0	72.5	72.3
L 7 U			7.5.6	71.06	70 • €	77.5	71.6	71.6	71.6	12.3	72.3	77.1	72.2	72.6	72.6	72.6	73.5
6 6 102	1		7.2 - 5	1.3 + 2	72 + 3	72.6	7 3 • 3	73.3	73.3	74.7	74 + 0	14.7	74	74.3	74.3	74.3	74.7
E 5, 07	t		77.4	77.4	77.4	17.7	78.4	79.4	78.4	19.1	79.1	77.1	79.1	79.4	79.4	79.4	79.7
E 45 LT			77.4	77.4	77.4	77.7	78.4	76.4	78.4	79.1	79.1	79.1	79.1	77.4	79.4	79.4	74.7
L 4700			84.5	18 ft . 5	44.5	84.5	P5.5	85.5	85.5	86.1	F 6 • 1	36.3	86.1	86.5	e6.5	c 6 . 5	86.8
ز ۲۶ ع	i		- 5 - 1	45.1	85	95.5	9 € • 5	86.5	85.5	87.2	97.2	- 7	= 7 . 2	87.5	07.5	r 7.5	P7.8
iE 3 €			P 5 • H	3	55.5	86.1	87.2	£7.2	87.2	87.6	97.8	5 7 . e	7 . ×	58.2	٥ • ۵ و	a P . 2	F8.5
E 25 i		• '	46•1	E 45 • 5	an . >	07.2	71.2	30.0	90.5	10.9	20.3	97.3	; ~ . −	91.2	<1.2	91.2	≎1.6
£		• ?	37.0	37.9	40.4	9 ; 5	71.6	91.6	21.6	92.6	37.6	52.4	42.6	92.9	02.9	42.9	93.2
JP 11		• *	3.0 9	· • · ·	7L . 7	91.6	5.2.6	97.6	92.6	93.6	93.€	7.4	13.5	33.9		93.9	94.5
E 11 4.1		• *	71.6	71.1	91.6	90.2	+3.2	93.2	23.2	34.7	64.3	~ u . *	0.4 * 3	24.5	24 ∙ 5	+4.6	94.9
L 100	i	• :	`~ c • t	944€	76.0	6.5.6	94.9	94.9	94.5	76.3	96.3	+ f + 3	96.3	95.6	30.06	95.6	97.3
	t	. :	4.4	47.9	92.5	9.,	75.3	25.3	95. 1	46.6	₹6.6		94.6	77.7	97.0	97.0	97.3
E 4.3			13.3	43.5	93.2	94.3	45.6	95.6	95.6	97.3	97.3	27.1	. 7 . 2	97.6	97.5	47.5	98.0
F F ,		. ,	13.6	17.1	73.€	50.5	≥€.3	95.3	96. 2	98.7	50.3	, 3 , 7	00.3	₹9.5	≎ 6 • 6	+R.6	99.4
E 7	Ĺ	. ,	93.6	97.0	93.6	Gu.G	26.3	96 • 3	96.3	, 6 . 3	29.7	, , , ,		+9.4	28.6	CP 6	99.0
t our	İ		3.3.€	2 1.6	93.6	95.3	96.6	96.6	96.6	48 · 6	3.90	များ များ		99.0	94.J	99.7	99.3
							-		_								
E Fur		• *	? . • t.	1.0	G 1 0	95.3	26.6	91.6	76.6	96.€	4.80	, 9 , 6	98+6	99.7	09.3	97.0	17.3
.t. 9		• 1	1 1 · 6	13.0	₹5.U	4.6	96.6	36.6	76.6	99.	3.46	, ? . "	99.5	99.3	09.3	00.3	99.7
		• 3	- 3 • €	11.00	73.6	c. c 3	96.6	75.6	5.6	99.3	00.3	99.5	34.3	79.7	9.7	99.7	100.0
d 21.		• 1	13. C	5 7 .6	75 · L	95.7	1€.6	96.5	96.6	77.3	00.3	22.	7.	99.7	24.7	99.7	100.0
it lad	1	• '	. 3.6	7 7 . 1.	÷3 ∗6	45.3	76.6	16.5	96.6	94.3	00.3	19.3	29.3	99 • 7	99.7	99.7	100.0
ε	1	. ,	. 5. (, , et	43.5	ç., ş	96.6	56.6	~6.t	99.3	29.3	45.1	99.3	29.7	99.1	99.7	100.0
														•			

TOTAL NUMBER OF ORSERVATIONS: 24%

CLICAL CEIMATOLOGY TO MICH.

PERCENTAGE FREGUENCY OF OCCUPPENCE OF CFILING VEHSOR VI TELLITY FROM HOUSEY OWSERVATIONS

ATH MEATHER SERVICE/PIC

STATION NUMBER: 275557 STATEON NAME: KAZAN USSH FRITZA (F. 1507 CF. 1507 CF.) 75-57
PC. THE JUNE HOURS (LETT: 0307-0500)

CETUTION NUMBER: VISION STATE MILES

CE 11 15 6							V 15 I	FILITY	IN STATE	75 416	E 5					
						(, F				C.F.	1.	1.4	SE	V.F	St	LΕ
								1 1/2			7/4		1/7	111	1/4	٥
	• • • • •	• • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •		• • • • • •	• • • • • • •	• • • • • •			
																_
WU CETT 1	•	4 4	40.4	44.4	4 4	4.7.2	47.2	41.6	45. 1	4 * • 3	41.	4 2	47.3	49.3	49.3	47.7
(E gurant		45.1	46.	45.2	46.5	4	" A . 6	49.3	51."	· 1		٤1		· 1 • 3		
ot le ii	٠,	4	4 5	45.5	46.5	47.0	48.6	49.3	51.0	1.		-1.0	91.9 51.9	11.3	51.0	51.4
1.1 16 1	:,	4	4	40.0 45.6	46.5	4 0 • 5	46.6	49.3	51.0	51.0	1.1	11.	1	1.0	51.0 51.0	c 1 • 4 c 1 • 4
1 14		4 : • 1		45.4	45.5	4 % + 6	48.6	49.3	91.0 91.0	11.0	51.7	51.2	1.0	1.0		
	. 3	45.5	4.5	ter, and	45.5	40.6	48.6	49.3	51.	11.0	1.0	61.5	51.0	71.0	51.0 51.0	51.4 51.4
	• .	** 14 >	• • •	40.0	4 17 •	47.6	47.6	49.3	31+0	1.0	1 • /		21.		11.1	: 1 • 4
vi 1 ()	. 3	50.0	5 .1	5e • 1	59.7	52.2	63.2	63.5	66 . ?	16.3		10.7	65.7	44.7	1.1.7	67.0
4- 1	. 7	53.3	5 : 17	Le . 7	50.7	6.1.2	6	63.4	01.	15.3		1.6.7	06.7	10.1	7	67.3
(1 4)	. 7	4 14	5 2 . 7	5, 7	59.7	63.2		63.6	56.3	66.1		15.7	66.7	66.7	64.7	€ 7 • L
of the Attack	. :	5 7	C 3 .	٠٠, .	£ 7 . 1	63.5	63.5	64.2	65.7	66.7		f 7	67.0	77.0	07.0	e 7.4
100	. 7	5 1.4	5 " • •	No. 4.5	6.4 . 5	0 4 3	65.7	66.0	55.4	4 5 4		(A	4,9.6	4 8	66.6	6 7 . 1
,												-				
Grand Land	• '	4 May 3	11	16.7	CP . 1	7:.2	77.2	73.3	75.7	75.7	75.7	* / • .	75.0	'6.J	76.0	74.4
E 41 1	• *	1	:	5 1	67.4	78.6	17.6	14.1	77.1	77.2	77.1	22.4	77.4	.7	27.4	77.0
4 5.	. '	7.4.	74.5	د ۲۰۰۰	700	80.4	80.2	p 1 • 3	5 7 . 7	P3.7	5.	C Ca	44.2	c4	F4 • C	4 u • u
4 1 1		-4.7	7	75.0	76.1		8°.5	41. ý	64.4	-4.4		64.7	44.7	04.7	44.7	9.5 • 1
1 1 1 1 1	• 2	75.3	7 7	75 • 7	77.8	0.2.3	62.3	83.3	5 S . F	65.5		~ . 1	45.1	-6.1	21.1	F6.€
		17.4	2 * • 1	7:	20 €	S • 4	45.4	86.5	75.	29.9		L	82.2	0 1.2	2 2	49.6
/: : ol		7.7.	7 0 1	$T^{*} \bullet \circ$	÷^•÷	~ f + i	86.1	57.2	54.1	a G . C	-5.0	24.4	30.0	- 4.9	r 4 . 9	90.3
83 - 18 - 1		***	7 .		F 1 • 3	- 6.5	96.5	+ 7 • 5		64.4	100	50.0	73.3	5.3.3		90.€
		7 1		* . • .	- C • 6	* e • S	11 F . C.	મળ. હ	9 4	52.4	o ~ • q	22.7	2.7	7	+1 + 7	63.1
41 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• `	10.0	•	-6. • •	1		43.4	≁1. U	+4. +	24.4	94.4	·4. *	94 . A	94.5	94.4	C 5 . 1
	•		•		- 4 - 7	7 1 • 3	71.3	92.4	4 4	25. • 2	, -	* * * * *	• 5 . J	60 · =	95.0	46.5
	•	•	3.5	16.0	• :	1 . 7	51.	46.1	* /	26.0	• • •	*** * **	95 e E	5	4 h + 5	\$6.5
1	•			• • •		7	• 2 • 7	5.	.7.	57.			97.4	7.6	- 7 - 6	97.9
1	•	. •		•	15.	• . • !	71.7		y ? •	- 7 .	•		-1	47.5	, 7 . h	97.4
r - 1	•	1	• .	** • *	* 1 . *	· • • I	1 7	. 3	97. S	51.4	• * • •	- 7	+7.3	77.7	0	98.3
44 (17)		- 1.			f	2 . • i	90.7	93		7.4			-3.2	05	90.3	44.6
4.6					F / . }			4.1	7	7					46.4	40.0
							9 2 1	70.1					28.5 28.5	99.6 1		44.3
- 1 i				- 1	• • 1		. 1		,				39.7	4 . 3		99.7
13				•	- 1		, , 1		,-				13.0	9,.5	73.1	176.0
	•	• •	•	• .		• •		,		•	• •	•		. 7 4 3		1 - D • C
: 1	. ,	1	*		14.5		2 * . 1			4.4.				49.3	, 9 , 7	100.6
									.		<i></i>					,,,,,,,,,,,

In the constant of the gradient $\hat{\theta}_{ij}$ and $\hat{\phi}_{ij}$

GEORAE CEIMAIDEOGY "HINCH USAFETAC AIF GEATEER SERVICEZMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING FOR US VITIBILITY FROM FOURLY COSERVATIONS

ATTON NUMBER:	2 / 594	51711	OK WAMI.	: KAZI	av nzes						(* 566) : 305	8 ⁵ : ปรถ 2960 0	-8/ (EST):	0600 <u>-</u> 08	cn
		• • • • • •													
. IL 14.6 In	uf	C.E	6.F	GE	Lf	Q E A T 2 T	. 65 59	IN STATE	. IF #1C	. i	61	G E	ωE	6£	GE
ELT 1 1º	OI f		4		2 1/2		1 1/2		1	بالأبا	571	1/:	·/16	1/4	OE O
• • • • • • • • • • • • •		• • • • • • • •				• • • • • • •				• • • • • •			• • • • • • •		
Cilul	4 :- 1	98.2	48.3	40.1	51.3	51.0	51.0	51.4	91.4	51.9	· 1 . 7	52.4	57.4	52.4	52.7
CC.L.		· · • ·	40.03		, 1.5	3110	31.0	3		J. • ·	• • •	72.44	. • •	32.4	,
2 10 5 11	5	50.2	50.5	52.0	54.1	54.1	54.1	54.4	54.4	54.4	=4.5	55.4	55.4	55.4	55.8
10 0 1	r de	4, 11 . 5	50.3	5.7	.4.1	54.1	54.1	54.4	54.4	4.4	ru 4	55.4	55.4	50.4	55.8
10 1	1.03	59.3	50.3	52.0	54.1	54.1	54.1	54.4	54.4		-4.4	55.4	٠, ١	55.4	65.8
14 [52.0	- 4 . 1	54.1	54.1	54.4	54.4	4 . 6	E 4 . H	55.4	F 5, 4	55.4	55.8
125 11		5 1.3	5.0.3	57.0	54.1	54.1	54.1	4 • 4 د	5,4 . 4	5.4 . 4	54.0	55.4	65.4	55.4	55.8
					_										
131.794	65.0	56.	56	63.7	7 _ • 1	72.1	72.1	73.5	73.5	73.	73.5	74.5	74.5	74.5	74.0
9m j t l	45.0	56.0	66 • 3	69.7	7.7.1	72.1	72.1	13.5	73.5	73.1	77.h	74.5	74.5	74.5	74.8
9 . 21	450€	56.5	66 · J	68.7	72.1	72.1	72.1	73.5	73.5	7 . 4	73.4	74.5	74.5	74.5	74.8
7 (34)	50.3	56.7	55 • 7	67.4	7	72.8	72.0	74 - 1	74 • 1	79.1	74.5	75.2	75.2	75.2	75.5
20.231	6.000	s.t 7	33.1	62.4	78	72.9	72.8	74.1	74.1	79.1	14.5	15.2	75.2	75.2	75.5
									_						
55° 7 1	71.1	7:.4	71 + 4	74.1	17.6	77.5	77.6	75.9	75.5	73.4	79.3	79.7	79.9	79.9	80.3
45.00	7 2 4	7	71.5	74.5	77.9	77.3	77.9	79.3	79.3	79.3	79.6	90.3	െ ം 3	83.3	F C . 6
4 , 11	7.2.6	74.1	70 + 1	17.2	نا•1ع	a1.J	81.0	52 - 3	£2.3	47.7	92.7	93.3	F3.3	93.3	R 3 . 7
351	77.5	74.1	74 - 1	77.2	F1.0	41.9	81.6	62.3	92.3	57.7	F 2 . 7	83.3	e 3 . 3	83.3	23.7
571 DE 1	76.0	16.5	70.0	77.t	83.3	33.3	83.3	84.7	F4.7	54.	-5.0	35.7	25.7	85.7	96.1
27 1	75.5	7 7	77	A D = 3	£ 4 . 4	64.4	84.4	85.7	25.7	45.7	S 6 . 1	86.7	96.7	56.7	87.1
21.11	7.7.	7 B 📲	78	61.8	35.4	85.4	35.4	56.7	26.7	54.7	- 7 - 1	87.3	P7.3	97.9	88.1
10.31	77.5	7.9 et	79.5	H 2 • 7	€ 6 .7	36 . T	86.7	89.1	°8•1	-7-1	98.4	97.1	a 5 . 1	50.1	89.5
15.001	16.3	4 1.4	ೆ∙೮	F 3 . 1	47.5	37.8	97.5	87.1	29.1	- 2 - 1	46.5	90.5	93.5	90.5	غ میں ≎
1 001	2	5 .7	51.1	F6.7		92.8	73.6	92.2	92.2	7 ° '	92.5	93.5	93.5	43.5	93.9
1" 1	: '• i	· · · · ·	4 • 3	n7 • 1	92.2	92.7	92.2	93.9	93.5	93.4	94.2	95.2	35.5	·5.2	95.6
5 (14 g 24	34.7	:4 . 7	47.9	7:17	90.9	32.5	94.6	24 . 6.	74 · 6	94.9	95.9	05.9	45.0	46.3
	∍ વ, વ	- 4 . 7	14.7	88.1	97.5	93.9	94.2	95.7	0 (• G	, E . '.	26.3	97.3	27.3	47.3	77.6
71	1.1	9 10 00	ن و با∜	- 3 • 4	14.2	74.2	14.6	15. ?	96.3	4 A . 1	26.6	77.6	07.6	97.6	9 P . L
1 2 11		5 1 4	-5 • 4	04.5	94.0	+4.6	94. ,	96.5	46.9	9.5	57.3	99.3	95.3	48.3	90.6
* 1		15.4	75 · 4	€ 8	34.5	74.6	94.7	≠7.3	27 • ?		77.5	99.5	98.5	#P • 6	99.0
4 1	" > 4		H5 • 7	H 7 . 1	94.9	94 ·c	25.5	7 F	98.0	• 7 • 7	70.3	99.3	99.3	49.3	95.7
121	1.04	1 . 1	35 • 7	43.1	4.9	34.7	95.6	94.	25 . (.	* * *	34.3	29.3	99.3	59.3	99.7
1	· 5 • 4	35 7	35 • i	٠٦.١	÷ 4 • ÷	74.7	95.6	* °	78 . 7		24.3	39.3	99.3	99.3	99.7
1 - 1		3 . 7	95•:	37.1	94.9	74.9	93•€	10.	99 € €		3	49.3	79.7	79.7	100.0
1			15 7	, , .			_								
	-	- 5. • 7	25.7	67.1	.4.,	94.7	35.6	# b • ^	5 B + C	→ 3 + 7	. 4 . 3	99.3	99.7	99.7	100.0

TOTAL NUMBER OF DESIGNATIONS: 200

GEOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF GCCURRENCE OF CFILING VERSUS VILIPILITY FROM FOURLY OBSERVATIONS

ATR ACATHER SERVICEZMAC

1

FE 7100 CF +1 CORD: 78-87 STATION NUMBER: 27592 " STATION NAME: KAZAN HSER MONTH: JUL HOURS(LST): 0900-1100 VISIPILITY IN STATUTE MILES CE IL 155 GE GE GT 4 3 2 1/2 96 IN | Cc FEET | 10 GE UE GE 2 1 1/4 GE 64 GE GE 1/16 GE 1/4 ٥٤ 0 5/0 1/2 NO CETE I 47.2 42.3 47.3 47.3 47.3 47.3 47.3 47.5 47 . € 47.6 47.6 47.6 47.6 47.6 47.6 . 7 0g 20700) 0f 1g000 0E 10700 0E 14701 52.1 52.1 52.1 52.1 52.1 52.1 52.4 52.4 52.4 52.4 52.4 52.4 52.1 52.4 52.4 57.4 42.4 52.4 . 7 52 •1 52 •1 52. i 52. i 52.4 52.4 52.4 52.4 52.4 52.4 52.1 52.1 52.4 62.4 52.4 52. 52.1 52.4 52.4 97.1 52.1 52.1 52.4 57.4 52.4 52.4 52.4 52 • 1 52 • 1 50.4 F 2 . 4 5.1 - 2 - 4 52.4 GE 12:301 . 7 52.1 52.1 52.1 52.4 E 2 . 4 52.4 52.4 67.1 67.1 67.1 67 • 1 67 • 1 67 • 1 UE 107 001 67.1 67.1 67.1 . 7 56.1 66.1 66.4 5 5 . E 66.8 66.8 57.1 67.1 67.1 $\sim 6 - 1$ 90,01 80,01 7 (1) . 7 67.1 67.1 67.1 67.1 67.1 €7.1 €7.1 56 .1 L6.4 06.5 66.8 66.5 67.1 67.1 ıξ 66 • 1 -0.1 56.1 66 • i 64.4 65.4 66.8 67.1 67.1 56. 56.8 66.6 67.1 . 7 67.1 67.1 67.1 67.1 67.1 λŧ. : 0 . 1 56 .. 65.1 56.8 66.5 67.8 67.1 67.5 67.8 67.8 6 .. . (8.2 69.2 66.2 68.2 50 001 40 001 40 001 35 001 37 001 72.6 73.3 78.4 71.6 72.3 77.4 72 • : 73 • 3 17.4 72.5 72·6 uE nt • 7 72.3 72.6 71.6 71.6 71.9 72.3 72.3 72.6 72.0 73.3 72. 72.5 77.4 72 • 3 77 • 4 72.6 77.7 72.9 78.1 72.9 73.3 73.3 76.4 72.9 73.3 18.4 . 7 78.1 78-1 78.4 76.4 79.4 70.4 78.4 78.4 - 7 77.4 77.4 77.4 77.7 78.1 78.1 78.1 75.4 72.4 78.4 73.4 74.4 79.4 78.4 79.8 80.5 43.5 79.5 79.5 85.1 83.1 87.1 و و ن 83.5 20.5 e 3.5 P (. 5 25.11 = q . E 94.6 84,6 F4.6 43.6 84.2 4 1.6 d3.6 υí 10 . 7 14.5 95.5 98. 57.3 88.7 87.7 87.0 87.7 89.0 87.7 85 + 3 58.0 99.4 a a . 1 -8.5 £9.4 98.3 84.4 P8.3 P9.4 88.0 89.4 88.0 99.4 ×7.4 . 1 · 6. i, E 55.0 87. 0 89.4 ¥1.5 uÉ 1 E 91.1 91.6 93.5 1.5 91.3 31.5 91.8 01.8 5... 91.9 91.5 93.2 93. 2 73.5 93.5 93.5 93.3 1.0 10001 3001 -101 lif. , 1. 5 . . . 93.4 93.5 94.9 94.4 95.7 25. 95.3 95.3 35.2 95.2 25.2 25.0 95.2 95.9 -4.1 44.0 . 3. . (.) 44.9 95.5 75.0 15.9 25.9 05.0 45.5 95.5 75.5 95.2 96.2 90.2 96.6 76.6 97.6 .4.. +4 .. 94.0 +6.2 40.0 76.6 6.00 16.6 46.6 7 - 1 97.6 1.0 14.5 54., 94.9 97.3 97.6 17.1 97.6 97.6 97.6 . .1 · i ., 97.3 90.€ 98.6 49.3 79.3 19.3 79.5 99.3 99.3 99.3 4... 99.7 173.1 170.1 170.1 99.7 150.9 100.0 9€ .2 99.7 U.E ١. 76. . 46.6 97.3 90.6 90.98 1.08 98.6 101.5 99.7 97.7 99.7 99.7 1. . 100.0 100.0 1... 16.5 16.1 47.6 99.0 1-1.0 100.0 46.6 100.0 100.0 96.0 96.1 99.3 99.3 100.0 100.0 5.7.6 79.0 9). -150.0 100.0 100.0 97.6 40.0 99. -137.7 47.6 99.0 1 1.2 99.0 99.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 26.6

TOTAL GENELE OF CHOPKYET, BUT I THE

GLUBAL CLIMATOLOGY PROYCH USAFLTAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIN WEATHER SERVICES TO BE

STATI	ON NO	MPER:	275950	STATE	ON NAME	: KA2	AN USER					F4 7100	UF ! EC	ORD: 78	-b 7		
												MONTH	: JU'	HOURS	(LST):	1700-14	CD
		• • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •						• • • • • •	• • • • • •		• • • • • •	• • • • • • • • • • •
CEILI									BILITY								_
I v		GE	GF	GE	ÚΕ	GE.	U.F	G E	G 5.	G.E.	G.E.	61,	ë i	GÉ	۵F	G E	۷Ę "
FELT	•	17	L	,	4		2 ./.	2	1 1/2		1	774	57 n	1/2	1/16	1/4	C
		• • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • • • • • • • •
0 CL	IL I	:•*	37.6	37.4	37.8	37.5	57.b	37.9	37.8	37.8	17.8	5 7 . ª	37.8	37.3	17.8	37.8	37.8
61 dd	1000	1.0	43.4	47.9	43.7	43.9	43.9	43.9	43.9	43.9	47.9	41,2	41.9	43.9	43.9	43.9	43.9
OF lo		1.0	4 % 9	42.00	43.7	43.5	43.9	43.9	43.9	43.7	43.9	41.0	43.9	43.9	43.7	43.9	43.9
0E 16		1.€	43.7	4 (43.,	43.9	43.9	43.9	43. 7	43.9	43.9	4 7	43.9	43.2	43.9	43.9	43.9
LE 14			4 7. 4	47	٠,٠٠	43.9	43.9	43.9	43.9	43.9	43.5	4	43.9	43.9	43.9	43.9	43.9
6E 12		1.1	4 3. 9	43.5	43.9	43.7	43.9	43.9	43.9	43.7	43.9	4 5 . 9	43.7	43.9	43.9	47.9	43.9
uE 1d	25.27	1.4	~ 4.5	50.5	58.5	54.5	58.5	58.5	58.5	54.5	58,5	ςα	56.5	59.5	r 8 • 5	19.5	58.5
ut 9	11	1.4	9,9,4	58.5	50.5	58.5	58.5	5 E . 5	51.5	58.5	58.5	្ន 🕻 🥫	58.5	59.5	c 8 . 5	58.5	58.5
	17.571	1.4	58.5	55.5	58.5	59.5	5 8 • 5	58.5	50.5	58.5	58.5	50.5	50.5	58.5	58.5	5 A . 5	° 8.5
	104 ا	1 • 4	58.5	58.5	58 • 5	58.5	58.5	58.5	58.5	58.5	58.5	5 a 📢	58.5	54.5	°8•5	58.5	5.6.5
∪ { €	(140)	1.4	6 2	50.2	63.2	60.2	€ ~•2	60.2	60.2	60.2	60.2	€7•3	60.2	63.2	60.2	65•2	65.2
	7.31	1 . 7	65.6	6 (*9	65.6	65.6	65.₺	65.6	65.6	65.6	65.6	65.6	55.6	65.6	€5.6	65.6	€5.6
	4001	; , 7	66.	5f . *	66 • 3	66.0	56.0	66.5	66.	56.2	F6.5	56.0	56.0	66.3	46.0	56.0	66.0
	mun j	1.7	75.7	7	75.4	7 , . 9	75.9	75.9	75.4	75.9	75.9	75.0	75.9	15.7	75.9	75.9	75.9
	if:1	1 . 7	75.5	16.1	76.5	76.9	76.9	76.7	76.9	76.4	76.9	76.7	76.9	75.7	76.7	76.9	76.9
->E 3	80 60 F	1 • 7	96.3	5 \$	62.3	8B•3	4 ∟ • 3	63.3	80.3	60.3	a D • 3	50.3	50.3	80.3	ڏ•ن ۽	an.3	80.3
	51	1.7	a 4. J	e 4	94	24.0	84.0	84.4	94.4	34.4	94.4	84.4	04.4	84.4	64.4	34.4	P4 . 4
GE .	n Deli	1.7	15.5	5 F . H	46.0	99.9	89.1	89.5	89.5	84.5	89.5	e 9 . S	a 4 . 5	89.5	99.5	69.5	89.5
	× -~	1 . 7	3 .	90.1	"- · 1	97.1	90.5	97.8	90.0	92.3	20.8	70.0	93.8	99.8	93.8	90.8	96.8
	5 - 1	1.7	91.6	41.5	91.0	91.4	92.2	92.5	92,5	92.5	35.5	, 7 . 4	12.0	92.5	02.5	92.5	92.5
65 1	100	1.7	14.7	o L •€	94.5	94.9	95.2	45.6	95.6	,5 • b	95.6	·	75.6	75.5	35.6	95.6	95.6
6E 1	7.71	1.7	95.	35.2	15.2	00.4	96.3	96.6	95.6	95.6	96.6	7 t t.	96.6	96.6	96.6	96.6	96.6
	504	: • 7	300€	91.00	95 • 6	+4.2	95.6	76.9	96.9	46.9	:6.0	.6.2	25.0	95.7	96.9	96.9	96.5
	3001	1.	96.3	16.3	96 • 3	95.7	97.3	97.6	97.6	97.6	27.6	97.6	97.6	91.6	07.6	97.6	97.6
	73.1	1 • 7	3 ℃ • €	₹6.0	76 • ∪	97.3	· 7 • 6	98.0	28.0	95.0	38.1	7 R . "	36.€	98.0	90.0	30.0	9 A + O
ı E	151	1 • 7	⊋ 7. ઇ	٠٠.٠	%7.eb	५१.१	÷ e • 3	99.7	99.7	100.0	170.0	1,0.0	110.0	100.0	170,0	130.0	100.0
	1. 1	1 • 7	77.6	4 7 .G	47.6	58.3	99.3	42.7	79.7	15€.0	100.0		137.3	100.0	100.0	130.0	100.0
	4 [1.7	11.6	27.46	47.6	98.3	36.3	99.7	99.7	:61.7		11.7.0	100.0	133.3	100.0	150.0	100.0
	2 × 1	1 • 7	17.5	97.6	77.5	95.3	5 3 . 3	43.7	97.7	150.	100.0	117.5	173.7	100.2	173.3	102.0	186.0
I.E	2.1	1 . 7	- 7 • €	97.6	97.6	99.3	99.3	99.7	99.1		125.3	1.7.7	1.3.5	100.0	100.3	100.0	100.0
L.F	: . :1	1.7	• 7. c	9 T . C	97.5	99.3	29.3	99.7	99.7	1,500	1~0.0	1: 7.7	100.0	100.7	100.3	100.0	100.0
1,5	11	1.7	→ 7.+	97.	-7.5	98.3	26.3	49.7	99.7	160.0	127.5	120**	102.0	100.0	1 53.5	100.0	100.0

TOTAL HEMPLY OF OBSERVATIONS: 2344

GLOBAE CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CFILING VEHSUS VILIBILITY FROM HOURLY OBSERVATIONS

10

STATION NE	PPER:	27595	\$1 <u>61 1</u>	_		rin n. Péb					43% 16	0F 1EC : UC!	FOURS	-67 (LST):		
CEILING	• • • • •	• • • • • •	• • • • • •	· · · · · · · · ·	• • • • • •		• • • • • • • • • • • • • • • • • • •	HIL IT Y	T N: S T AT		• • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	
		GF		uΕ	G.F.	ЬE	66	GE	5E	6E	G.	GI	GŁ	Ն ք	GL	GE
	5E_		C.F.					1 1/2		1	7/4	5/7				0
FEET 1	* L	Ĺ	12	+	2	2 1/2				_	7.4	3/7	1/2	1/16	1/4	U
	• • • • •	• • • • • • •	• • • • • •		• • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •		• • • • • • •		• • • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •
NO CLIL	• *	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	47.7	42.7	42.7	42.7	42.7	42.7
Ger Bandal	• 3	4 3. 3	49.3	49.3	47.3	49.3	49.3	49.3	49.3	49.7	49.7	44.3	49.3	49.3	49.3	49.3
6€ 1e30″1	. 3	49.3	49.5	49.5	47.3	44.3	49.3	49.3	49.3	49.3	42.7	49.3	49.3	49.3	49.3	45.3
GE 16° JI	• 3	49.	49.3	47.3	47.3	4 4 3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 141671		49.	40.3	49.3	49.3	49.3	40.3	49.3	49.3	49.3	47.7	49.3	47.3	49.3	49.3	49.3
6E 120 01	7	49.3	45.3	49.3	49.3	49.3	49.3	47.3	49.3	49.3	47	49.3	49.3	49.3	49.3	49.3
02 127 . • [•	4 / 1 3	4	4	7743	7 / 1 3	٠,,,	47.	47.		• • •	-,.,	1,			47.03
GE 100001	. 7	58.7	58 + 7	58.7	58.7	56.7	58.7	58.7	58.7	59.7	57.7	58.7	54.7	55.7	58.7	58.7
9:331	7	59.7	58.7	50 • 7	53.7	56.7	58.7	53.7	58.7	58.7	58.7	58.7	53.7	58.7	58.7	56.7
UE 97 331	. 7	58.7	58.7	58.7	53.7	58.7	5R • 7	58.7	58.7	c8 • 7	52.7	58.7	58.7	68.7	58.7	58.7
GE 71031	7	5 8 . 7	56.7	54.7	59.7	58.7	58.7	58.7	59.7	58.7	59.7	58.7	58.7	55.7	58.7	58.7
0t 6 00 1	. 7	6 . 4	5.0 .4	63.4	60.4	60.4	67.4	63.4	6r. 4	53.4	67.4	60.4	60.4	63.4	60.4	60.4
0. 6 0. 1	• '	5	5: •4	63.4	0:) • 4	0 3 . 4	04	0 3. 4	05.4	· J • 4	61.4	04	03.4	04.4	0 / 4	00.4
6E 51331	1.0	7.0.1	70.1	76 - 1	77.1	71	72.1	73.1	73.1	70.1	77.1	77,1	75.1	70.4	72.1	70.4
UE 45 191	1.0	7:	70.5	73.3	77.3	70.8	70.8	70.8	73.9	73.8	71.5	7.J. d	73.3	70.8	70.8	70.8
9E 4133	1.7	9 3	53.1	83.3	33.0	P 3 • 0	03.0	83.0	83.0	93.0	83.	P3.n	83.7	ค3.อ	83.C	P 3 • D
UE 35531	1.7	83.7	33.7	93.7	81.7	53.7	83.7	P 3. 7	53.7	93.7	91.7	93.7	33.7	83.7	63.7	93.7
61. 3000	1.7	97.2	B 7 • 2	37.2	87.2	87.5	87.5	87.5	87.5	97.8	27.6	97.8	87.8	97.3	87.8	87.8
nr. 2 . 1		7.7.	D / +4	71.2	01.	01.0	91.00	5143	0,.,	-,,0		27.8	57.5	- / • 5	81.6	e / • 6
66 25 291	1.7	90.3	36.3	95.5	27.3	91.5	91.0	91	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
5E 2 21	1.7	9 2 . 4	74	12.4	12.4	93.1	93.1	93.1	93.1	93.4	73.4	¥3.4	93.4	93.4	93.4	93.4
GE IP O	1.7	92.7	92.1	92.7	72.7	93.4	97.4	93.4	43.4	93.H		93.4	93.9	93.6	93.A	93.6
GE 15 Oct 1	1.7	23.4	73.4	93.4	93.4	74.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
98 17971	1.7	95.5	25.5	95.5	95.5	96.5	96.5	26.5	96.5	96.9	34.0	76.9	94.7	06.9	96.9	96.9
oc . 971	1. (¥ 5) • 13	F 11 • 13	95+3	77.7	70.5	70.7	*0.5	70.7	*0.7	,	15.9	75.7	46.4	70.7	40.4
6F 1 JUL	1.7	96.5	96.4	76.0	96.5	97.9	97.9	97.5	97.9	99.3	30.3	98.5	98.3	98.2	79.3	C8. 3
5E 3.31	1.7	77.	97.2	97.6	97.9	98.6	98.6	98.6	¥3.6	39.0	99.7	99.0	99.3	ç 9 . J	99.0	99.0
bE Buil	1.7	21.3	97.2	97.2	97.2	99.6	98.6	78.6	98.6	39.0	, , , ,	19.3	99.3	99.0	99.0	99•□
UE 7.31	1.7	97.9	9 . 9	37.1	99.3	9.7	99.7	99.7	59.7	100.0	137.7	170.5	122.2	100.3	100.0	100.0
UE 4.31	1.7	27.7	3	÷7.3	98.3	99.7	99.7	99.7	99.7	173.3	่ มีก•่า	173.0	130.3	170.0	150.0	100.0
00 40.1	. •	- / - /	,	*1 • 7	73.7	, , , , ,	,,,,,	, , ,	, , ,	1 3.0	•	1 /5.0	* JU • 3	1 1.1	133.0	100.0
GE 5.31	1 • 7	97.0	47.5	97.9	39.5	99.7	99.7	99.7	99.7	100.5	133.3	100.1	100.0	100.0	130.0	100.0
. i. 4 . i.	,	97.4	, 7 . 7	97.9	99.	99.7	19.7	99.7	99.7	100.0	107.7	100.0	100.0	130.3	100.0	100.0
GE 70-21	. 7	97.9		37.3	69.3	99.7	99.7	99.7	99.7	100.0	157.	100.0	100.0	103.3	100.5	100.0
6L 7021	. 7	71.9	37.3	77.9	44.3	95.7	99.7	99.7		100.0	107.7	11.0.0	100.0	170.5	100.0	100.0
UE 1	7	17.4	. 7 . 3	97.9	73.3	05.7	99.7	91.7		173.0	11.		137.7	100.0		100.0
96 11	•		* * * *	71.7	15.	1	77.1	77. /	7141			176.7	17101	1 3.3	100.0	100.0
6E 1	1.7	91.9		57.9	93.3	70.1	99.7	29. 7	.0.7	1.30 - 1	110.0	100.3	100.0	120	100.0	100.D
							7711		, , ,	1.000		* (1*)	* Q D * U			100.0
					• • • • •	• • • • • • • •			• • • • • • • • • • • • • • • • • • • •							

TOTAL NUMBER OF OBSERVATIONS: 358

CLOSAL CLIMATOLOGY PRANCH USAFETAC

PERCENTAGE ENERGIENCY OF OCCURPENCE OF CEILING VERTUS VILIBILITY TROM HOURLY CUSERVATIONS

AIR WEATHER SPRYICE/PAC

STATION NUMBER: 27505 - STATION NAME: KAZAN USSR

PERIOD OF BECORD: 76-87 MONTH: JUN FOURS(LST): 1800-2000 *. . . .* . . CE 1L 1 L VISIBILITY IN STATUTE MILES GE GF 2 2 1/2 3E 1 6E 5 IN I i 5E 6E 6E 2 1 1/2 1 1/4 GE 1/2 5/16 45.1 NO CITE 1 .7 45.7 45.6 45.6 45.€ 45.6 45.6 45.6 45.6 45.6 45.6 45.5 45.6 45.6 45.6 52.4 52.4 52.4 52.4 6E 200001 r 2.4 50.4 50.4 50.4 50.4 5- 4 . 7 52.4 53.4 52.4 52.4 50.4 52.4 52.4 52.4 52.4 52.4 52.4 .7 52.4 52.4 52.4 52.4 53.4 57.4 52.4 52.4 52.4 57.4 57.4 57.4 52.4 6E 160001 GE 16001 GE 140001 52.4 52.4 52.4 52.4 52.4 52.4 52.4 52.4 1.0 65.6 1.5.6 65.6 65.6 9 LST 87277 71201 65.3 65.3 65.6 65.6 65 6**5** 55.3 65.3 65.3 65.3 65.3 55.6 65.6 55 . C 65.6 65.6 55.3 65 **. პ** 65.6 65.6 65.6 65.6 65.0 55.3 65.3 65.6 65.6 65.6 15.3 55.3 65.3 65.6 65.6 65.6 65.6 65.6 65.5 45.6 65.6 65.6 G.F 66. 56 ... 66.3 66.5 66.5 66 . 1 66.3 66.3 46.3 66.3 66.3 55 . 3 AL. 3 66.3 57001 4501 4501 4501 3701 3701 74.5 76.2 76.2 85.7 76.2 15.00 75.5 75.5 75.5 75.5 75.5 75.9 76.2 76.2 76.2 76.2 1.4 76.2 1.4 75.2 75 . 5 64 . 7 75.5 84.7 85.7 75.5 85.0 76.2 76.7 76.2 76.2 76.2 85.7 75.5 75.5 75. 4 76.2 76.2 ίE 85.0 86.1 95.4 85 . 7 85.7 25.4 35.7 P6.7 96.7 86.7 96.7 96.7 86.1 86.4 86 . 7 99.5 × 7. + 38.3 88.1 89.1 99.5 69.5 99.5 69.5 89.5 1.4 91.0):.5 9:.5 9:.6 91.5 91.5 92.5 92.5 92.9 93.2 95.2 95.9 93.2 91.0 23.2 73.2 93.2 93.2 93.2 95.2 95.2 95.2 O.E. 2 00 | 18 00 | 15 00 | 73.2 93.2 95.2 95.2 24.2 94.2 94.9 95.2 1.4 04.9 94.9 75., 75.7 95.9 95.9 95.9 95.6 1.4 95.9 97.3 96.3 96.3 97.6 96.3 97.6 23.4 14.5 74.2 4.0 95.2 95.2 96.3 96.3 46.3 96.3 46.6 97.6 100 1 6 7 1 9 1 1 7 2 1 5 7 1 ~e.: 96.6 97.6 97.6 96.3 78.6 98.6 78.6 98.6 16.6 1.4 96.6 75.9 76.7 77.3 90.9 97.5 75.7 97.3 99.5 99.[99.7 99.0 99.0 99.C 99.7 99.7 υŧ 98.3 98.C 98.3 98 • 6 99.0 99.0 99.7 5.5 47.6 98.6 100.0 SE 1.4 97. 5 77.6 97.0 98.6 98.6 100.0 100.0 100.0 100.0 165 1.4 27.6 27.3 77.5 9 4 . 6 27.5 100.5 100.0 170.3 150.0 100.0 170.5 165.5 160.6 175.6 1.1 47.5 111 1.4 27.5 77.t 17.6 96.6 98.6 54.3 100.0 100.0 100.0 100.0 100.0 100.0 97.5 97.5 107.0 107.0 107.0 17.t 77.6 100.0 100.0 100.0 1.4 27.3 99.6 98.6 98.6 120.0 97.5 100.0 6.30 99.3 1.70 - 0 100.0 100.0 17.3 17.3 96.6 ΥĒ 1.4 97.6 ien.u 100.0 100.0 100.0 1.4 97.b 97.6 97.6 99.3 100.0 100.0 100.0 100.0 170.0 98.6 160.0

98.6 99.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS:

4.7.1

77.0

97.5

97.6

34.6

1 1.4

GLGGAL CLIMATOLOGY RHANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VICIBILITY FROM HOUZLY OBSERVATIONS

				STATI								XU./18	of ico	HOURS	(LSTI:	2100-23	00
	L [1:6		• • • • • •	• • • • • •		• • • • • •	• • • • • • • •			IN STATE			• • • • • •			• • • • • • •	
I F E	N [6£	GE.	€.	GF 4	6 E 3	GF 2 1/2	G £	GE 1 1/2	GE	5E 1	5Ł 1/4	Gf 5 ∕ d	GŁ 1/2	GE 5/16	GE 1/4	GE O
•••	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • •
NG	CEIL		45.7	40.7	49.7	49.7	45.7	49.7	49.7	50.6	2.62	٠-•٠	50.6	50.0	50.0	50.0	50.0
i,E	207621		5.3+1	5.7.1	53.1	53.1	53.1	53.1	53.1	53.4	53.4	5 t. a	53.4	53.4	93.4	5 7 . 4	53.4
6.E	187.11	• 3	5 3 - 1	5.7 • 1	53.4	53.1	53.1	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
∵€	16	. ,	5 3. 1	5 1 - 1	53.1	5.3 • 1	5.3.1	53.1	53.1	53.4	57.4	5 . 4	53.4	53.4	53.4	53.4	53.4
€E.	14 - 1	. '	C 3.	5 1.1	43.4	53.1	5.3.1	53.1	53.1	53.4	53.4	5 5 . 4	6.3.4	53.4	53.4	57.4	53.4
űE	127 071	• ₹	5 5 1	5 1 - 1	53.1	53.1	53.1	5 3 • 1	53.1	55.4	53.4	5.8.4	53.4	53.4	93.4	53.4	53.4
1,5	167094	• 3	72.1	17.1	72.1	73.1	74.1	74 . 1	74.1	74.5	74.5	79.0	74.5	74.5	74.5	74.5	74.5
1.6	97621	• 3	7.2 • 1	12.1	72.1	73.1	74.1	74 . 1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
ωE	a".4}	. 3	7.2 - 1	77.1	72.1	77.1	74.1	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
+sŁ	7.1001	• 7	72.1	72	72.1	73.1	74.1	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
ijΕ	07631	• 3	73.5	17.5	13.5	74.5	75.5	75.5	75.5	75.7	75.9	10.0	75.9	75.9	75.9	75.9	75.9
GE	mort.	. 3	77.6	17.6	17.6	79.5	19.6	79.6	79.6	79.9	79.9	79.4	77.9	79.9	73.9	79.9	79.9
GE	45 ()	• 7	7	78.2	18.2	77.3	8 C . 3	ãO•3	8 Q. 3	5(.• 5	8C.6	40.6	90.6	87.6	8 U . 6	60.6	£ 6.€
υE	[C]ن ۱۳	• 3	10.1	86.1	66.7	87.1	86.1	69.1	88.1	88 • 4	9.4	20.4	P H . 4	83.4	98.4	58.4	88.4
ÚΕ	350 1	. 3	i 6 • 1	46.4	86.4	87.4	8 h • 4	69.4	89.4	8 q • A	3.38	<i>ਜ਼</i> ਵ • ੧	≈ ₽ • H	39 • 8	F3.8	8•58	86.8
SE	30-01	• 3	⇒ i. 4	36.7	86 • 7	h7.9	89.8	88.8	84.8	1.26	1.59	٤٠.١	P9.1	89.1	89.1	89.1	89.1
i. f	25 1	• 3	00.1	59.5	34.5	91).5	91.5	91.5	91.5	91 + 8	91.8	71.9	91.5	91.8	91.8	91.9	91.8
G.F	25 4 14	• 7	9.10	91.5	71.5	92.5	93.9	93.0	93.9	94.2	34 • 2	94.7	34.2	94.2	94.2	94.2	94.2
Lf.	13.01	٠,	3.1.5	3 - • 3	71.5	92.9	54.2	94.2	94.2	94.5	74.6	+4 +6	54.6	94.6	94.6	74.6	94.6
し {	15 401	• 3	≠ 1 = n	92.2	92.2	93.2	74.6	94.6	94.6	94.9	24.6	94.	94.9	94.7	94.9	94.9	94.9
- f.	rient	+ 3	* 2 . 5	3.0 °a	92.9	¢ 3 • 4	35.9	35.3	95.9	96.6	96.6	9 5 . 41	95.6	96.6	96.6	96.6	96.6
6.6	41.004	. 3	2.3	93.5	93.5	94.5	76.6	46.6	96.6	97.3	97.3	47.7	97.3	97.3	27.3	97.3	97.3
ųΣ	2 _ ^ (• :	4.54.5	97.9	43.4	94.9	96.9	96.9	96.7	97.6	77.6	,7.5	77.6	97.5	97.6	97.6	97.6
c.Ł	6011	. 3	23,5	94.3	94.2	95.2	77.3	97.3	97.3	99.0	98.E	. 2 . ^	98.D	98.3	ز.ن۵	99.0	98.0
L.F.	7 7	• 3	24.0	24.6	-4.5	45.6	98.3	98.7	98.	98 • 6	≎8•6	90.4	· A . 6	79.5	23.6	98.6	98 • 6
∍£	* t t l	- 3	-4.2	14.5	74 +5	95.9	9 € • 3	₹8.3	98.6	99.3	79.3	37.3	99.3	99.3	09.3	35.3	99.3
(,E	7.14	. 3	14.6	94.9	74.7	26.3	96.6	99.6	99. 0	99.7	79.7	99.7	99.7	97.7	99.7	99.7	99.7
SE	9 L.J.	. 3	3 4.6	, h , 9	94.5	96.3	⇒ 8 • 6	98.6	99. :	99.7	99.7	49.7	29.7	99.7	99.7	99.7	99.7
54	2001	. 3	24.6	24 .0	94.9	96.3	48.6	98.6	99. 3	99.7	99.7	72.	130.0	100.0	103.0	100.0	150.0
G.E.	** }	• ?	74.5	14.7	24 . 7	96.3	96.6	98.6	99.3	79.7	29.7	20.7	178.3	100.5	170.0	100.0	100.0
u£	: 1	• 3	r4.(411.7	2" + 3	36.3	77.6	:P • 6	43.7	99.7	79.7	97.7	100.3	100.0	100.0	100.0	100.0
ωĘ	- 1	• 3	44.0	94.9	14.9	94.3	V = .6	90.0	94.0	y9.7	39.7	12.7	100.1	193.3	100.3	160.0	100.0
•••	• • • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF GREENATIONS: 224

AIS ME ATHER SERVICESMAC LSAFCTAC AIR ME ATHER SERVICESMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VEHSUS VINIPILITY FROM FOURLY θ_{BSE} AVAITIONS

STATION NUMBER: 27595	STALION NAME:	KAZAU US	₹					CF SECT : JUL		-67 (LST1:	ΛLL	
CE IL I'VU		• • • • • • • • • •	v 15		IN STATE	TE Mil						•
[Y GE GE FLET 16 /	GE GF	GE 6	G €	G?	G.€.	GE I	C.L.	6) 5/9	GE 1/2	GF 5/16	GE 1/4	GE G
								• • • • • •				
NO CETE .4 45.7	45.7 45.7	45.0 46	46.5	46.5	47.C	47.0	47.1	47.6	47.1	47.1	47.1	47.3
GE 250 UCT -4 47.7	40.8	57-1 50		5 g. 8	51.2	r1.2	51.7	51.2	51.4	51.4	51.4	51.5
68 18000) •4 49•7 68 16000] •4 49•7	49.8 49.8 49.8	50.1 50 50.1 50		50.8 50.8	51.2 51.2	51.2 51.2	51.3 51.3	61.2 51.2	51.4 51.4	-1.4 -1.4	51.4 51.4	51.5 51.5
GE 147631 .4 49.7	47.5 49.3	50.1 50	- 0	50.8	51.2	11.2	\$1.2	51.2	51.4	1.4	51.4	51.5
GE 120001 .# 49.7	49.6	50.1 50		53.€	51.2	-1.2	51.2	-1.2	51.4	E 1 . 4	51.4	51.5
ug 16700] .6 64.4	54.4 64.4	65.1 66		66.4	67.0	67.0	67.1	67.1	67.2	67.2	€1.2	67.4
00 97001 .6 64.4 CE 8 071 .6 64.4	54.4 64.4	65.1 66		66.4	67.2 67.:	67.0 67.0	67.7	67.1	57.2 67.2	67.2 67.2	67.2	67.4
CE 8 07 .6 64.4 OE 7001 .6 64.0	54.4 64.4	65.1 66 65.3 66		66.4 66.t	67.2	67.2	67.3	67.3	57.4	57.4	67.2 67.4	67.4 67.6
υξ 5. μ. 1 • f 65• ñ	55.9 65.9	66.6 57		67.6	68.5	66.5	69.5	63.5	59.7	60.7	68.7	68.8
50 01.00	3,0.			0.40	0.00							
6E 5% 001 .7 71.9	72.3 72.	72.7 73	73.9	74.1	74.8	74.8	74.9	74.4	75.3	75.0	75.0	75.1
UE 4531 .7 72.4	12.5 72.5	73.2 74		74.6	75.3	75.3	75 • 3	75.4	75.5	75.5	75.5	75.6
S 4750↓ •3 79•9	3 1.0 33.5	87.8 82		82.3	82.0	92.9	33.0	93.2	B3 - 2	° 3 • 2	e 3 • 2	P 3.3
68 35 ml .8 30.4 68 30 001 .8 32.3	80.6 81.6 82.5 82.5	81.4 5_		₽2.9 85.3	63.5 85.6	93.5 95.7	6 f • 5	H 3 . 6	93.5 85.9	F5.8 P5.9	63.F	A 3 . 9
S 30 30 1 ⋅ 8 3 2 ⋅ 3	6. • 5 - 72 • 5	83.3 94	5 54 F	83.0	33.6	25.7	57	45 • d	45.4	P 5 • 7	9:00	86. D
OF 250,1 .0 45.1	9 > - 3 - 35 - 3	86.3 87	9 87.9	38.1	88.6	94.6	50.0	F 4 , 9	89.1	99.1	69.1	89.2
GE 273/4 .8 87.2	37.4 87.4	88.4 90	97.2	90.4	91.1	91.2	91.	21.2	91.4	\$1.4	91.4	91.5
GE 18 31 • 8 95•	93 • 2 38 • 2	87.2 91	91.7	91.2	42.0	05.1	Y 1 • 1	92.1	92.2	72.2	92.2	92.4
GL 15301 .8 47.1	10.3 94.3	97.3 32		92.4	93.2	93.2	77.	93.3	93.5	23.5	93.5	93.6
of 12501 .9 15.7	77.7 92.9	92.1 94	1 94.2	94.4	¥5 • 2	75.4	45.4	?5∙€	95.6	95.6	95.6	95.8
OF 17071 .6 11445	71.44 71.8	93.0 95	3 95.3	95.5	96.5	76.5	74	76.6	76.2	06.3	96.8	96.9
66 9 14 .9 93.1	92.2	97.4 91		96.3	₹7.5	۶7 • I	j7.1	37.1	97.3	c 7 . 3	97.3	97.4
nE 3.1 .9 92.3	92.5	31.8 96		96.6	47.7	97.8	57	77.9	98.3	98.3	98.0	98.2
04 757 .9 32.6	23.00	94.2 75		37.1	35.2	38.0		34.3	38.5	98.5	68.5	98.6
th (2) .a (2), y	23.1 23.1	74.5 17	2 97.3	97.6	98.9	აც • ი	70.1	99.5	43.1	05.1	99.1	99.3
(4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	* 1.2 P3.2	34.7 57		97.7	99.0	59.1	99.1	54.2	97.4	29.4	40.4	99.5
- 48 1 生花科 - 48 - 334和	73.3	94.8 97		91.5	19.5	33.3	15.3	99.4	79.5	77.6	99.6	99.7
65 (42)	23.4	99.5 77		97.9	99.4	79.4	44.4	34.6	79.7	99.7	99.7	99.9
of 2011 19 9111	73.3 75.4	24.2 71		97.)	99.4	09.4	, 7 . 4	04.6	99.7	9.8	99.8	99.9
. •	, 7 +3 93 + 4	74.4 97		97. 1	49.4	39.4	90.4	99.5	99.7	09.8	90.8	100.6
55 1 .9 .9 .2.1	93.3 93.4	94,8 97		97.9	99.4	19,4.	99.4	77.6	99.7	97.5	59.8	

TOTAL NUMBER OF OF STARTING: 2343

GLOBAL CLIMATOLOGY REFUCH-USAFLETAC ATR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF GCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		-	27595"									MC .TE	: JUL		(LST):		
	LING	• • • • •	• • • • • • •	• • • • • • •		• • • • • •				IN STATE			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••••
r E	N I	10	er u	G 5	θ€ +		2 1/2 5 1/2	Б ξ 2	65 1 1/2	GE	3E i	2/4	6 r 5 / ₃	GE 1/2	GE 5/16	GE 1/4	6£ 0
	CETL I	. 7		p.3.1	٧,,4	63.7	62.Ü	62.4	62.7	63•□	63.4	67.4	63.4	63.7	63.7	L3.7	63.7
	20021	• 7	61.1	> ! • !	51.4	61.7	63.0	63.4	63.7	54.5	64.4	64.4	54.4	64.7	64.7	64.7	64.7
	180051	• 7	51.1	51.1	61.4	61.7 51.7	63.J 63.D	63.4	63.7 63.7	64 • 7 64 • 7	64.4 64.4	50.4 58.4	f4.4 64.4	64•7 54•7	64.7 64.7	64.7	64.7
	100.01	• 7	61.1	0 ' • 1	51.4	61.7	63.0	63.4	63.7	64 • C	64.4	54.4	64.4 64.4	54 • 7	64.7	64.7	64.7 64.7
	147 JOL 127 JUL	. 7	6 1+1	5 1 • 1 5 ! • 1	51 • 4 51 • 4	61.7	63.0	63.4	63.7	64.0	64.4	24.4	54.4	54.7	64.7	64.7	64.7
G.E	107561	1.3	76.2	11.2	70.5	76.3	78.5	70.9	79.5	79.9	30.2	31.3	a 7.2	aD.5	FD.5	87.5	RO.5
o£	91011	1.7	76.2	76.0	10.0	76.9	78.5	79.9	79.5	79.3	90.2	60.0	63.2	ag.5	°3.5	60.5	A 0 . 5
υE	67.001	1.7	76.2	16.2	75.5	76.9	78.5	78.9	79.5	79.9	20 • 2	57.2	4 3 . 1	P7.5	₽0.5	გე.5	AD.5
ü¢	7 001	1.0	70.2	14.2	70.5	76.7	7€.5	78.9	79.5	79.9	90.2	50.0	P 1 + 4	90.5	5 . ن ع	80.∙5	86.5
i, E	90.531	1. ^	75.2	76.2	76 • E	76.9	78.5	79.9	79.5	79.9	80.2	5 ີ • ເ	57•z	83.5	°3.5	éņ∙S	8 C • 5
ijŧ	5.1.2.1	1.5	79.5	19.5	79 • 9	90.5	92.2	82.5	83.2	83.5	83.8	83.4	€3.8	84.2	94.2	64.2	84.2
IJΕ	4: 0.3]	1.0	79.5	70.5	79 • ₹	80.5	8 Z • Z	82.5	83.2	83.5	93.6	57.9	e 3 . 8	34.2	94.2	84.7	94.2
30	4 531	!• "	9.3.6	5 7 . 3	94	84.R	8 £ •5	86 .8	87.5	37.8	P8 • 1	1	88.1	99.4	P8.4	88.4	68.4
C! uE	3% gn (1.0	3 3 • o a 4 • 5	3 ° • 0 3 4 • 5	64 • Z 84 • B	£4.8 85.5	86.5 87.8	8.66	87.5	87.5	98 • 1	56.1	44.1	88.4	28.4	58.4 53.8	98.4 99.8
U.L.	30,001	1	44.5	34.5	34.5	47.5	07.8	8P.1	8.98	87.1	R9,4	50.4	29.4	89•8	P 9 • 8	6 V + H	F7.6
t _a r	20	1.5	35.3	3 ° • 3	86 • 1	86.8	35.4	87.8	4 . ز ٥	96.0	01.1	21.1	91.1	91.4	91.4	91.4	91.4
üΕ	2:171	1.0	r 6 • 1	35.1	36.5	87.1	90.4	90.8	91.4	91.7	92.1	92.1	92.1	92.4	02.4	92.4	92.4
üΕ	1 " : 1	i • ^	nh∗li	36.1	20.5	ਲ 7 • 1	9 € •4	90.8	91.4	91.7	°2•1	97 • 1	35.1	92.4	52.4	72.4	45.4
GF.	15.001	:•□	₹ 7• 5	31. 7 . T	97.3	88.4	51.7	92.1	92.7	93.1	93.4	, 7 , 4	73.4	93.7	93.7	93.7	93.7
r, E	17574	1.0	36.8	9-1-€	89 - 1	89.5	93.7	94.1	94.7	95.4	75.7	٠٠.7	4 'غي	96.7	06.0	95•3	96.0
ŧ !	10001	1.7	29.4	37.4	39 • 6	90.0	94.7	95.0	95.7	96.7	97.D	97.5	97.0	97.4	07.4	97.4	57.4
t,E	ract	1 • 5	4 1.4	90.4	89.5	9 🐪 🤉	95.0	95.4	96.0	97.0	97.4	\$7.4	97.4	27.7	97.7	97.7	97.7
į.E	6.201	1	9.90 4	31.0	90.1	51.1	95.4	95.7	96.4	97.4	97.7	57.7	97.7	98.0	98.0	98.0	ç6.0
: E	7.79	1.0	9500	0 3 + 5	40.1	91.1	95.7	96.0	96.7	97.7	96 • €	**.n	96.0	98.3	98.3	98.3	98.3
ĿΕ	5 -01	1.7	8 👫	30.0	93.1	91.1	95.7	96.0	96.7	97.7	99.6	,	Ca, 3	93.7	95.7	98.7	98 • 7
£.	6.21	1.5	3 9. ⊁	37.0	90.1	91.4	500€	96.4	97.4	+8 · 3	CP . 7	52.7	99.0	99.3	29.3	99.3	99.3
υL	9571	1.	n ins	37.0	93.1	01.4	Ģ € •4	96.7	97.7	78.7	09.0	40.7	33.3	99.7	99.7	99.7	99.7
üΕ	16.4	1.0	2 700	5 1 . 5	33	91.4	3€.4	95.7	97.7	+3.7	34.0	90.0	77.3	99.7	99.7	99.7	100.0
u£	101	1.0	F C . H	0 -	90 • 1	91.4	06.4	96.7	97.7	98.7	30.0	, , , , ,	59.3	99.7	99.7	97.7	100.0
S.E.	1 - 1	1.5	36.0	લુંગ •ું	90.1	41.4	Ģ÷•4	95.7	97.7	75.7	09.3	. و ش	03.3	99.7	99.7	99.7	100.0
6E	•	1.3	£ 0 € ½	49.6	95.1	91.4	96.4	96.7	77.1	y4 . 7	30.0	49.5	79.3	79.7	99.7		100.0

TOTAL NUMBER OF OFSERVATIONS: 303

CLOSAL CLIMATCLOGY PRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF GCCUPPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

i

4

VISTRILITY IN STATUTE MILES FELT 1 0
11
NO CETE 1
RO CETE 1
CE 200001
68 187001
CE 16 01
GE 14771 51.0 51.0 51.0 51.0 57.0 57.7 58.7 60.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70.7
66 12° 621 51.6 51.6 51.6 52.8 57.6 57.7 53.7 63.7 63.7 61.1 61.2 61.8 61.6 61.6 63.6 66 12° 021 62.6 62.0 63.0 64.9 77.8 71.5 72.5 74.4 74.4 74.4 74.6 75.7 75.7 75.7 77.4 6E 9.001 62.6 62.6 63.0 64.9 77.8 71.5 72.5 74.4 74.4 74.4 74.6 75.1 75.4 75.7 75.7 75.7 77.4 77.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 75.1 75.4 75.7 75.7 75.7 77.4 77.4 77.4 77.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 74.4 75.1 75.4 75.7 75.7 75.7 77.7 77.7
68 107 02 62.6 62.6 63.0 64.9 77.8 71.5 72.5 74.4 74.4 74.4 74.4 75.1 75.4 75.7 75.7 77.4 68 9.00 62.6 62.6 63.0 64.9 70.8 71.5 72.5 74.4 74.4 74.4 74.6 75.1 75.4 75.7 75.7 77.4 08 9.00 62.6 62.6 63.0 64.9 70.8 71.5 72.5 74.4 74.4 74.4 74.7 75.1 75.4 75.7 75.7 77.4 08 77.01 62.6 62.6 62.6 63.0 64.9 70.6 71.5 72.5 74.4 74.4 74.4 74.4 74.7 75.1 75.4 75.7 75.7 77.4 08 77.01 62.6 62.6 63.0 64.9 70.6 71.5 72.5 74.4 74.4 74.4 74.4 75.1 75.4 75.7 75.7 77.4 08 67.01 62.6 63.5 63.9 65.9 71.6 72.5 73.4 75.4 75.4 75.4 75.1 75.4 75.7 76.7 78.4 75.4 75.1 75.7 76.7 78.4 76.4 78.4 78.4 78.4 78.7 79.3 70.7 70.7 70.7 78.4 08 67.1 63.0 63.0 63.0 64.0 65.0 65.0 65.0 65.0 65.0 65.0 65.0 65
6E 9.001 62.6 63.6 63.0 64.9 70.8 71.5 72.5 74.4 74.4 74.6 75.1 75.4 75.7 75.7 77.4 6E E CT 6.1 62.6 63.0 64.9 70.8 71.5 72.5 74.4 74.4 74.6 75.1 75.4 75.7 75.7 75.7 77.4 6E E CT 70.1 62.6 63.0 64.9 70.8 71.5 72.5 74.4 74.4 74.4 74.7 75.1 75.4 75.7 75.7 75.7 77.4 6E E CT 70.1 62.6 63.0 64.9 70.6 71.5 72.5 73.4 75.4 74.4 74.4 74.7 75.1 75.4 75.7 75.7 76.7 78.4 6E E CT 70.1 62.6 63.0 63.0 64.9 71.6 72.5 73.4 75.4 75.4 75.4 75.1 75.4 76.1 76.4 76.7 76.7 76.7 76.7 76.7 76.4 76.4
LE E [7]
66 77 L01 62.6 67.6 63.0 64.9 70.6 71.6 72.5 74.4 74.4 74.4 75.1 75.4 75.7 75.7 77.4 66 67.6 63.9 65.9 71.6 72.5 73.4 75.4 75.4 75.4 76.7 76.7 76.7 76.7 76.7 76.7 76.8 76.7 76.7 76.7 76.7 77.0 79.3 70.7 70.7 70.7 81.3 76.7 76.7 76.7 77.0
68 67371 67.6 63.9 65.9 71.6 72.5 73.4 75.4 75.4 75.4 75.7 76.7 76.7 76.7 76.7 76.4 76.7 76.7 76
OF 50001 05.6 65.6 65.9 68.2 74.8 75.4 76.4 78.4 78.4 72.7 79.3 79.7 79.7 79.7 81.3 66.4 47.11 55.7 65.4 66.2 68.5 75.1 75.7 76.7 78.7 77.7 77.3 79.7 80.0 60.0 81.6 66.4 47.11 70.6 71.5 71.1 73.4 90.7 81.3 82.3 84.6 84.6 84.6 84.6 85.9 85.9 85.9 87.5 66.2 85.1 71.1 71.1 71.1 71.1 71.2 73.9 81.0 61.6 82.6 85.2 85.2 85.2 85.2 85.2 85.0 85.9 86.6 86.2
66 47 1/1 55.7 65.9 66.2 68.5 75.1 75.7 76.7 78.7 77.1 77.3 79.3 79.7 80.0 60.6 81.6 66 47 1/1 70.6 71.1 71.1 73.4 90.7 81.3 82.3 84.6 84.6 84.6 84.7 65.2 85.6 85.9 85.9 87.5 66 27 1/1 71.1 71.1 71.1 71.2 73.9 81.0 81.6 82.6 85.2 85.2 85.2 85.9 85.9 86.2 86.6 86.2
BE 47 1 72.6 71.6 71.1 73.4 90.7 81.3 82.3 84.6 84.6 84.6 84.6 85.6 85.6 85.9 87.5 GF 25 11 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 82.6 85.2 85.2 85.2 85.7 86.2 86.6 86.2
of 25 il 71.1 71.1 71.2 71.2 21.0 61.6 82.6 35.2 85.2 85.2 85.2 86.2 86.6 86.2
The same of the sa
UE 3 OUT 72.1 17.1 72.5 74.9 82.0 82.6 83.6 86.2 86.2 44 86.7 87.2 67.5 67.5 89.2
UE 250.1 74.1 74.4 76.7 84.5 84.9 85.7 89.2 99.2 99.8 99.8 99.8 97.5 90.5 90.5
GE 10001 75.7 75.7 76.1 78.4 86.2 86.9 97.9 91.1 91.1 91.1 91.8 92.1 92.5 92.5 94.1
CE 18 75.7 75.7 76.1 78.4 86.2 86.9 87.9 91.1 91.5 91.5 92.1 92.5 92.5 94.1
GE 15.35] - 76.4 76.4 76.7 79.7 86.9 87.5 83.5 91.8 91.6 57.1 92.5 92.2 93.1 93.1 94.8
55 1969) - 77.7 77.7 74.0 80.2 88.2 88.0 89.8 93.1 93.1 97.4 93.8 94.1 64.4 94.4 96.1
06 1702) 77., 79.0 79.3 81.6 89.8 90.5 91.5 95.1 05.1 90.0 68.7 96.1 00.4 96.4 98.0
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
6E FCTI 79.3 79.3 79.7 62.0 97.2 93.8 91.8 95.4 95.4 95.7 46.1 96.4 96.7 96.7 98.4
6E 70 79-3 79-3 79-1 67-2 90-2 90-8 91-0 95-4 95-7 95-1 96-1 96-1 96-7 98-4
5E 6.1 70.3 70.3 70.7 62.7 90.2 90.8 91.8 95.4 95.4 95.7 96.1 96.4 96.7 96.7 98.4
66 5011 79.3 79.3 79.7 62.8 90.2 90.2 91.6 95.4 95.4 95.1 96.1 96.4 96.7
SE 4.31 74.7 79.7 90.0 02.3 91.5 91.1 92.1 96.1 96.4 96.7 97.5 97.4 97.4 99.3
6E 1001 19.7 79.7 90.7 82.5 91.5 91.1 92.2 96.7 96.1 95.4 95.7 97.2 97.7 97.7
95 700 79.7 19.7 19.3 60.3 60.5 91.1 92.1 95.7 96.4 97.7 97.6 97.4 96.3 98.0 100.0
16. 1.71 77.7 70.7 ALLU 62.3 92.5 91.1 92.1 95.7 96.4 97.7 97.4 98.0 98.0 100.0
GE C1 70-7 70-7 80-0 82-2 96-5 91-1 92-1 95-7 95-4 56-2 97-4 56-0 98-0 100-0

TOTAL NUMBER OF OBSERVATIONS: 155

GLURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUMPENCY OF CFILING VEHSUR VILLBILLTY FROM HOURLY COSE PVAILONS

STATION	hill	AREP:	27505	STALL	ON NAME:	KAZA	IN USER					Proplem	SF FEE.	JED: 75	- 5 7		
													ازرال:	FOURS	CLST1:	3603-36	00
CEILING		• • • • •	• • • • • •	• • • • • • •		• • • • •	• • • • • • •			IN STATE		i "	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••••
I۸	ı	GE	GŁ.	f; F	u €.	5.6	r, r	GĹ	G.	Gŧ	5 E		5,1	56	i p F	51	Gf
FELT	,	10	ς.	'5	4		2 1/2		1 1/2		:	1/4	٠,-	172	1/15	1/4	٥
	• • • •		• • • • •	• • • • • • •	· · · · · · · ·	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • • • • •
NO CEIL	ı		4 č	48.03	45.5	49.4	53.2	53.2	53.5	5 ° • 1	c c . c,	2 c • "	. 5.6	55.4	fe.1	n 4 • 1	46.5
61 2500			Seel	97.es	52+5	53.0	57.1	57.1	57,5	59.1	69.6	53.4		59.6	f = . i	c7.1	50.5
ef ison			5200	52.5	52 + 5	53.9	· 7 · 1	57.1	57.5	57.1	59.5		9.5	57 + 3	40.1	62•1	60.5
ut lord			92.2	5.7 • 4	52.5	53.H	57.1	57.1	57.5	50.1	50.5		F 9 . 6	59.3	€ 3•1	60.1	10.5
6E 1415			52•4	5.	52.5	53.0	57.1	57.1	57.5	27. l	(3.1		(0.4	(0.4	1.1	د - ، 1	£ C • 5
6E 1210	* I		22.2	5.3.45	54.5	53.6	57.1	57.1	57.5	59.1	.0.0	59.0	13.5	57.0	60.1	t₁ " • 1	5 O • 5
⊌E 100 ⊌	21	. 3	64.4	65.1	05.1	66.2	72.1	72.1	73.1	75.1	75.4	10.0	75.7	75. 7	76.1	76.1	76.4
6E 915		• ?	64.	5 % +1	65	66.4	72.1	72.1	73.1	75.1	75.4	75.1	76.7	75.7	76.1	76.1	7 t • 4
be bu		• 3	64.7	51.1	65	60.5	72.1	72.1	73.1	75.1	75.4	77.	75.7	75 • 7	76.1	70.1	76.4
US 715		ذ •	54.5	55.1	65.1	66.9	72.1	72.1	73.1	15.1	75 - 4	75.7	75.7	75.7	76.1	76.1	76.4
5E €7.0	١,	• 3	55.4	5 5 . 4	65.0	67.4	72.8	72.0	13.F	75.7	76 • 1	76.4	5.4	75 . 4	75.7	75.7	77.1
56 5°C	^ 1	• 3	67.4	57.0	67.8	59.4	74.8	74.8	15.7	77.7	78.1	72.4	75.4	78.4	76.7	78.7	79.1
υΕ 4°		. 3	67.0	21.1	68.1	69.8	7544	75.4	76.4	78.4	76.7	19.1	79.1	79.1	- C U	19.4	19.7
6E 41.5		• ?	71.4	71.0	71.5	77.4	7 5 . 1	79.1	£0.1	32.1	A 2 . 4	37.7	62.7	42.7	23.1	53.1	A 3 . 4
6 E 35.		· 3	71.4	71.8	71.5	73.4	79,1	79.1	93.1	82 • 1	92.4	52.7	42.7	32.7	23.1	5 3 · 1	F 3.4
CE ST .	34	• 3	72.4	77.2	12.5	74.4	n] • 1	1.08	81.1	83.1	93.4	-7.7	93.7	93.7	£4.1	o 4 • 1	E4.4
ر کے عد	. 1	. 3	73.0	74.1	74 - 1	75.7	à 1.4	81.4	A 2 . 4	84.4	84.7	56."	87.0	35.0	F 5 . 4	35.4	95.7
υξ <u>1</u> 1 υ	11	• 3	75.4	74.7	75.7	77.4	a 3 • 1	87.1	94.1	06.7	P6.4	- 6 . 7	-6.7	46.7	27.2	57.0	97.4
6E 15.		• 3	75.4	16.7	76 . 7	78.4	44.1	84.1	ل •5ع	57. 1	97.4	67.7	e 7 . 7	37.7	95.0	0 A . C	F 6 . 4
6L 11 4		• ?	76.4	75.7	76 . 7	78.4	44.;	84.1	85.0	57.º	97.4	€7.7	= 7 . 7	37.7	98.3	68.5	a 6 . 4
at 175	31	• 3	7 7.4	79.7	79 • 7	F 1 . 4	= 7.4	07.4	95.4	9(• 4	20.7	71.	71.6	91.0	71.4	91.4	91.7
at 1 7	. 1	. 7	1.1	31.4	-1.4	83.4	89.7	99.7	33.7	13. 1	23.4	41.7	23.7	93.7	94.7	54.0	74.4
ب ان		. 3	0 1 4	21.7	91.7	81.7	9	95.3	91.0	.3.4	23.7	14.0	14.5	94.2	34.4	74.4	94.7
6.5		• 3	4 1 . I	3.0 * 1	· 2 • ·	84.1	94	90.4	91.4	93.7	24.C	94.4	24.4	94.4	74.7	94.7	95.0
105 TU		• 3	2.4	52.7	32.7	84.7	91.4	91.4	92.4	95.0	25.3		75 . 7	÷5 • 7	26.3	94.0	96.3
bf 6.	1	• 3	2 2 • 7	3.5 • 1	93.1	F5	92.0	97.0	93.5	96.	26.3	, L , 7	₹6 • 7	95 • 7	37.]	97.5	97.3
ot f	~ 1	• 3	-2.7	23.4	h3.4	35.4	4	+2.4	43.4	95.3	66.7	97.	97.3	97.5	e7.3	97.3	97.7
5E 4.		. ,	12.7	5 . 4	83.4	85.4	22.7	9 . 7	94.5	97.3	07.7	- ۾ پ	98.3	98.D	95.3	₹8.7	99.0
3.5	0.1	- 3	2.7	3 3 . 4	£3.4	65.4	97.7	93.7	74.0	97. 1	27.7	40.	06.5	38.7	28.7	99.0	99.7
6E 1,		• 3	52.7	5 5 . 4	H 3 + 4	65.4	+2•1	92.7	94.1	97.3	27.7	,	28.0	79.7	99.7	90.0	99.7
υE !.	. 1	• 3	12.7	3 (*4	c 3 . 4	85.4	72.7	92.7	74.0	97. '	77.7	\$ A . ~	ិត.5	98.0	60.7	59.B	99.7
υŧ	!	. 3	32.7	53.4	43.4	85.4	32.7	92.7	94.	17.3	? 7. 7	99.7	98.5	98.2	28.7	99.0	100.0

TOTAL SUMMER OF OPERVATIONS: 121

GLOBAL CLIMATOLOGY ARANCH USAFETAC AIR WEATHER SERVICEAMAC

PURCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VEHSUS VISIBILITY FROM HOUPLY $0_0 \, S_E \, RVa\, TIONS$

STATION NUMBER:	275957	STATE	OL NAME:	KAZA	N USSR					EF 9 10 fe					
											101			0 ⁹ JO-11	
CE IL ING	• • • • • • •	• • • • • •	• • • • • • • •	• • • • •		v 1 s T	RILLTY	IN STATE	ile Mil		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
17 00	GE.	61	ĢE	GΕ	UΕ	GE	GE	66	GE.	to to to	r,	GE	UE	SE	LE
FEET 10		1	4		2 1/2		1 1/2		1	7/4	5/3	1/2	116	1/4	ີ່ວ
										•		_			
1.0 CHIL 1.3	53.3	3 3 • 3	53.5	54.0	54.0	54.9	54.0	54 • C	54.0	4.7	54.0	54.7	c4 * J	54.0	54.0
ge camual 1.3	55.t	55.5	55.0	55.6	56.6	56.6	56.6	55.6	E6.6	56.5	56.5	56.6	50.6	56.6	56.6
6E 18737 1.3	55.6	55.0	55 • 5	55.6	56.6	56.6	56.6	56.6	56.6	56.5	56.4	56.6	6.6	56.6	56.6
65 16 and 1.7	55.6	55.6	55 • 5	55.5	56.6	56.6	56.6	56.5	56.6	54.4	6.0	56.6	-6.5	56.6	56.6
UE 14. L31 1.3	50.5	55.5	55 • ti	56.6	56.6	56.6	56.6	56.6	56.6	44.6	55.5	56.6	50.6	5€.6	56.6
66 127 331 1.7	55.6	55.6	55 • 6	56.5	55.6	56.6	56.6	56.6	56 . t	16.0	56.6	55.6	56.6	56.6	56.6
					- • -										
6E 10767 1.7	12.0	7 5 . :	73.à	75.2	76.2	76.2	76.2	76.2	75.2	76.	76.00	76.2	76.2	16.2	76.2
GE 90401 1.7	7 5. 8	73.5	73.5	75.2	76.2	76.2	76.2	76.2	75.2	76.7	76.2	76.0	76.2	76.2	76.2
6E a d⊘l 1.7	73.h	77.8	73.5	75.2	76.2	76.2	76.2	16.2	76	76.3	?6	76.2	76.2	76.2	76.2
uE 77501 1.7	73.6	73 • □	73.5	75.2	7 € •2	76 .2	76.2	76.2	76 • 2	76.7	76.2	75 • 2	76.2	76.2	76.2
GE 6"50 1.7	74.2	74.2	74 + 2	75.5	76.5	76.5	76.5	76.5	76 • 5	76.5	76.5	75.5	76.5	76.5	76.5
65 50 mt 1.7	77.	77.2	77.2	73.5	79.5	79.5	79.5	79.5	79.5	14.5	79.5	77 5	77.5	72 5	79.5
DE 45.0 7	7 1	7 7 . 2	77 • 2	78.5	77.5	79.5	79.5	19.5	79.5	76.5	79.5	79.5	79.5	79.5	79.5
6E 4132 1.7	9 3.0	9 . 9	82.8	83.1	83.1	63.1	a 3 • 1	53.1	93.1		. 1	63.1	93.1	e 3 . 1	F 3. 1
SE 35,014 1.7	51.1	81.1	31.1	H2.5	83.8	8.13	9 3 · H	83.6	93.8	57.4	9.5	33.9	93.8	87.8	83.8
us 1000 1.7	31.5	81.5	31.5	62.8	F4.1	84 .1	34.1	84.1	24.1	-4.1	04.1	94.1	P4 . 1	54.1	F4.1
OE 25.71 1.7	04.0	44.5	84 • 3	86.1	37.4	97.4	87.4	87.4	87.4	r. 7 + 4	-7.4	37.4	P7.4	37.7	97.7
6L 27571 1.7	9 5 . 4	30.4	90.4	ė 7 • 7	89.1	69.1	89.1	5°•1	00.1	# ° • 1	F4.1	39.1	9.1	89.4	89,4
6E 18:01 1.7	9 € • €	36.8	P6 • 9	b u • 1	39.4	89.4	87.4	57.4	9.4	4.7.44	a , . u	8 O • O	c 7 . 4	ც с. 7	89.7
6E 15001 1.7	9.7.7	37.7	37.7	89.1	40.4	97.4	93.4	90.4	00.4		97.4	₹7•4	4.ز≎	90.7	9 C • 7
58 17 anı 1•7	96.1	2 3.7	90 • 7	25.1	93.4	93.4	93.4	93.4	03.4		٥,٠4	93.4	93.4	93.7	93.7
6E 1063 1.7	4.5.4	7	-3.9	44.7	7 € • 7	96.7	96.7	76.7	25.7	45.7	96.7	96.7	25.7	97.0	۹7.6
UE 1.7	0 4	73.7	93.7	15	97.0	97.5	97.0	77. ₽	97.6	7.0	7.	47.5	97.4	97.4	97.4
1E 6001 1.7	94.	94.4	94.4	95.7	97.7	97.7	97.7	91.7	27.7	,7.7	97.7	77.7	97.7	48.5	98.D
UF 7031 1.7	94.4	+4.7	94.7	54	48.0	98 -	98.0	7.5	2.0	60	35.	98.7	58.0	, 4 . 7	46.3
96 943 1 1.7	24.4	71.7	94 7	96.0	9 = . 3	96.7	98.3	93.3	29.3	6.0	00.5	98.3	26.3	48.7	96.7
												•			
6E 50.4 7.7	95.	75.0	95,4	44.07	99.0	39 · C	94.0	99.1	49.0	. 2 . 3	33 " 0	99.7	24.3	99.3	99.3
OE 4 1 2.0	35.	, 4	95.4	95.7	59.3	99.3	99.3	99.3	99.3	7 T	99.3	99.3	23.3	53.7	79.7
JE 717 7.0	> 5 . 1	9 1 . 4	25 • 4	96.7	3 9 • 3	99.3	09. 3	99.7	20.7		99.7	99.7	99.7	100.0	150.5
6E 20.1 7.5	15.5	9 - 4	95 • 4	96.7	99.3	99.3	99.3	99.7	29.7	7	95.7	77.7	99.7	140.0	100.0
GE 1771 3°u	5.0	9 % • 4	95.4	96.7	99.3	33.13	99.3	90.7	30.1	, c , ;	99.7	79.7	99.7	140.0	100.0
GE .1 3.3	95.1	j = .u	95.4	56.7	96.3	92.3	99. 1	35.7	29.7		29.7	79.7	79.7	160.0	100.0
							• • • • • •								

TOTAL NUMBER OF OPSERVATEOUS: TOTAL

GLOBAL CLIMATOLOGY DEFNOR PERCENTAGE FROUENCY OF OCCURRENCE OF CEILING VEHSUS VIDIBILITY USAFETAC FROM FOUNDLY OBSERVATIONS AIR HEATHER SERVICEMMAC

STATION NUMBER: 27595. STATION NAME: KAZAN USSR

1 4 1	1 14.1	• reu	ւթյուս	27595	2.01.1	ON NAME:	KAZA	IN USSR						L E - E C				
														: JUL			1200-14	
	in.		••••	• • • • • • •	• • • • • • •	• • • • • •	••••	• • • • • • •		FILITY				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •
11			t:E	GE	G.E	GF	CF	C, F	G E	Gr	GE.	GE	ni ni	4, ;	GĹ	6.5	GE	üΕ
FĒE			10	Ξ.		4		2 1/2		1 1/2		1	1/4	4.74	1/2	1/16	1/4	0
				_														
0 0	C E 1 I	L 1	. 7	4 J. E	41, • 4	40.5	47.6	40.9	4 C + 8	47.5	40.9	40.8	47.3	ي و ال	47.8	40.8	45.0	40.8
F :	ا نان د	ar i	. 7	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
	150.		7	44.5	94.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
	10".		• 7	44.5	44.5	04.5	44.5	44.5	44.5	44.5	44.5	44.5	44 6	94.5	44.5	44.5	44.5	94.5
	14"		. 7	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
	17"		. 7	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
(3 / 1	• '	44.	, ,	44.0	44.5	44,5	44.0	44.5	44.5	44.5	44.	"",	77.0	77.3	74.5	44.5
E 1	130	J31	. 7	57.2	57.2	57.5	57.5	57.5	57.5	57. 4	57.5	57.5	17.0	67.5	57.5	57.5	57.5	5.7.5
E	90	110	• 7	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	67.5	57.5	57.5
Ĺ	۵ ۱	COL	. 7	57.	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	5.7.5	57.5	£ 7.5
E	1.	ud i	. 7	5.7.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.	57.5	57.5	c 7.5	5,7.5	5.7.5
ŧ	50	201	. 7	57.5	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	51.0	57.9	57.9	r 7 • 9	57.9	57.9
	51.		i.^	55.2	55.2	65.5	65.6	65.6	65.6	65.6	65.5	55 . 6	C5 • 6	65.6	65.5	65.6	05.6	65.6
E	41,		1.0	56	56.0	66.5	65.5	06.6	66.6	66.6	06.6	56.6	66.6	56 ⋅ 6	65.5	£0.6	65.6	66.6
F	4.7	1	1.0	د ۱۹۰۰	79.3	79.5	79.5	79.9	79.9	79.9	79.9	79.5	70.0	79.9	19.9	79.9	79.9	79.9
	35.		1.0	77.6	79.6	79.9	79.9	R € • 3	89.3	80.3	a0.3	PO • 3	e^.3	ڏ • پ ≃	97.3	90.3	00.3	° i • 3
Ε	211	JC 1	1.0	92.3	52.3	52.5	62.6	02.9	82.9	82.9	02.9	47.9	57.0	# 2" . P	82.9	-5.9	82.7	82.9
ŗ	25.		1.0	3.5.€	59.6	39.1	69.0	84.6	89.6	89.6	39.6	99.6	82.0	89.6	39.6	49.5	69.6	19.6
			1.6	93.	93.	73.3	53.3	94.6	94,0	94.0	94.5	74.1	j4 . 1	74.1	94.3	94.0	94.0	c 4 • 0
	10		1.0	24.6	94.5	95:	95.3	05.7	95.7	95.7	95.7	95.7	95.7	25.7	95.7	95.7	95.7	95.7
			1.7	16.	96.	76.3	96.3	97.C	97.5	97.0	97.0	97.	.7.	27.5	97.7	97.0	97.0	97.3
	1.		1.5	77.7	97.7)E.U	98.3	99.0	99.3	99.3	41.7	39.0		22.	99.0		99.0	-
]			7 ' • '	76.0	40.0	77.0	94.5	*** 3	4.7.	-4.5		***	99.3	c9.3	• 9 • 0	99.0
	1.	1.	1 • f.	9 A	* 1	90.3	99.7	99.3	99.3	99.3	99. !	99.3	99.7	92.3	99.3	09.3	¥9.3	99.3
	ů	71	1.7	76.	38 €.	98 . J	93.7	99.3	30.3	99.5	99.3	59.7	33.5	22.5	99.3	24.3	99.3	99.3
L	N.	. 1	1.	7 3	₹15 • .	90.5	48.7	95.3	99.3	99.3	99. 1	99.3	99.7	99.3	39.3	69.3	99.3	99.3
ŧ.	7	1	1.^	20.7	24.7	19.3	99.3	1:0.0	100.0	100.0	15 . 1	170.0	100.0	150.C	100.0	173.0	100.0	100.0
ř	€,	ادي	1.0	≥ 4 • 7	78.7	90.0	99.3	11 6.0	100.0	100.0	105 • €		137.3	170.3	130.1	100.0	177.0	100.0
	-	, . ,																
			1.0	74.7	7 F • 7	49				100.0					100.3			100.0
Ē			1.7	25.7	93.7	# ? • •			100.0				1.1.1			176.0	-	120.0
!		111	1.5	76.7) n . 7	79 • j			107.7	100.0			101.1		100.0	170.0	100.0	100.0
L			1.0	24.7	13.7	99.6		100.0					137.1				100.0	100.0
	i	1	1.0	73.7	98 • 7	49 • 3	49.3	100.0	100.7	100.5	ារ្សា• ជ	17U.F	: , ^ • `	100.0	150.0	170.3	10.0	100.0
F		1	1.0	20.7	90.7	99.	99.7	1:11:3	130.0	100.0	100.0	122.5	1	100.0	1-2.2	120.0	tonic	100.0

FOTAL NUMBER OF OBSERVATIONS: 299

CLOOME CLIMMINEUGY RRINCH USAFETAN AIR WEATHER SERVICEMMINE

PERCENTAGE FREQUENCY OF OCCUPPENCE (CSTLING vierus viribility from Hourly $\sigma_0 \ldots \ldots \tau$ from

STATION	∵ ԱԽԵ೯≘:	22725	STATION NAME:	KAZAN USSR
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517	FIOR St	јмие≘:	53135 1	5.7.41.1	Oh LAME	: KAJA	C1 US5R					Profes	(f + EC	JFD: Te	- g 7			
												81.75, T.E.	: JUI	HOURS	: (124)	15:0-17	0.0	
		• • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • • •						• • • • • •		• • • • • •	• • • • • •	• • • • • • • • •	٠
	10.15.6			r; 4		c.r	G.r		6F	IN STATI				C :	_		. •	
		CE LT	i, î	.,.	IJ.F ¥		2 1/2	G E.	1 1/2		CE 1	174		G F	€ن	C.L	C.E.	
			ŧ										314	1/2	1/16	1/4	C	
• • •		• • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •			• • • • • • •			• • • • • • •	• • • • • •			• • • • • • •		•
50	CLIL	1. *	4.4+5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.	44.4	44.5	44.5	44.5	44.5	
11	aar un I	1.3	46.	46.	46.5	46.6	46.5	46.5	46.8	46.2	45.5	46.0	66.4	46.5	40.4	46.0	46.48	
or L	197351	1. 7	45.6	46.00	46.5	44, 4	46.6	46.8	45.7	46.0	46.8	4.7	46.4	45.8	40.0	46.5	46.8	
	15 1.1	1.3	46.	46.0%	45 + 3	46.5	46.8	45.0	46. ~	46	46.0	44.	45.0	45.9	65.5	45.8	40.8	
	14 16 11	1 . 7	46.0	46.00	45.5	46.0	46.8	46.8	46.0	46.2	46.0	4 /	471.4	45.9	40.0	46.48	46.6	
Γī	12131	1.3	45.0	ч 6 .9	46.3	46.8	4 t • h	44.8	46.0	46.3	45	4 = 4	40.4	46.3	41 8	46.5	46.6	
1. E	16"621	1.3	сą, ,	58.9	28.7	50.9	5,6,6	59.9	58.9	59.9	58.9	4.5	٠	50.9	£4.9	50.0	54.9	
i, f	91 211	1.7	5 5. 6	58.5	4.7	58.9	56.9	50.9	58. 4	54.9	59.9	2 - 3	ς	59.0	· 7	5 - 3	46.9	
G.	31.21	1.7	5 3.9	5 3 . 9	56 + 9	£ 0 • 0	€6.9	58.9	6.8.5	55.0	F8.9	, - 3	1.0	59.5	(5.9	50.0	58.9	
υ£	1:	1.3	54.9	50.9	50.7	58.9	58.9	58.9	59.9	59.9	54.9	-, a _{• 7}	40.5	58.9	F 3 • 9	55.9	6.3	
ı, E	a1071	1 • ?	50.0	57.3	5J • u	6.7.2	60.2	60 • Z	60.2	62	(0.1		u 0 • 2	53.2	40.4	60.2	£ L • 2	
иĹ	- 511	1.7	e 4.2	5 ₽ • €	66.3	62.5	68.6	69.6	68.0	53.6	65.6	: 1.0	44.5	65.6	60.5	65.5	60.6	
1, E	45	1.3	5 F. C	50 +€	69.2	69.3	69.2	63.5	67.2	€9.3	59.5	19.7	17.2	69.2	19.2	69.2	69.2	
t, E	9 621	1 . ?	ન વ∙ દ	511	85.L	65.5	65.6	85.6	95.€	6 5 • 6	2 5 • £		12 C . 12	46.7	0.3	85.0	P6.3	
٦٤.	Tu uni	1.7	~ S • 3	3 € € 5	20.5	55 + 2	я €. • 3	86.3	F6.3	56.3	46.	- / 🔒 🕽	46.3	34 €	ac.5	56.0	5 6 . 6	
v.E	371.11	1. 3	F 5 • •	68.03	89.5	89.	9.9.5	89.0	89:	89.1	93."		- 3 - 5	59.3	99.3	e ? . !	F 4 + 3	
CE	27 231	1.3	93.5	, 5	24.3	94.3	,4.3	94.3	24.3	14. 7	94.3	, u , 2	34.2	94.6	74.6	4.00	94.5	
171	ا تى ت	1.3	23.6	14.	G4 . 6	94.5	44.5	94.6	94.6	94.5	94.€	2 W 4 15	54.6	95.1	91.0	,	25.5	
C.F.	15.1	1 • 7	ý u . j	+ 0 + 0	95.3	62.3	45.7	95.7	95.7	45.7	25 7	45.0	25 7	96.0	56.3	19.3	96.3	
vi t.	15 0 14	1.7	-5.5	* b • ?	10.5	95.	7€.7	96.7	≎6.7	20.7	96.7	46.7	20.7	47.0	27.3	.7.0	97.5	
F	11 -11	1.1	: 7• 5	; ' • 7	48 • 3	99.7	7.7.0	33.5	59.3	99.	35.0	20.1	40.1	17.7	24.3	99.7	99.3	
a ŝ	1 501	1.7	^ / _* ;	, , , 1	15.3	98.5	90.3	99.0	89.0	99.1	20.		99.	77.7	59.3	39.7	< q. 3	
55	91	1. 7	+ 1 • 3	y 1 . 7	48 . ≥	63.	9.5	33°°	99.6	79. [^]	33.	* * * * *	36.0	77.3	79.3	+4.7	44.3	
· · t	6	1 - 7	9.74	× 1 • 7	76.3	944?	9 7.6	30.	6.5	99.0	33.7	-5.	-7.3	99.3	5 • 3	३४.१	30.3	
	1	1.7	. 7. 5	17.7	99.3	33.3	77.0	57.	53. ,	11.	49 · C		24.0	99.3	C 7 . 3	49.	79.3	
42	6 11	1.7	- 7. 5	· · · 1	15.3	Ç 2 . 7	99.7	97.7	59.7	99.7	33.7		7 7 . 1	100.0	173.0	100.0	156.6	
, (1	1.7	27.7	71.1	96.7	94.7	9 7	49.7	90.7	17.7	99.7		7		170.0	160.0	190.0	
1 -	9 , 1		r 1. 2	÷ 1 • 1	64.7	, e . !	4 1	79.7	23.7	76. 7	35.7		52. I	101.1	173.3	:33.5	1:3:3	
0.5	· • 1	1.7	17.	, 1.7	98.3	93.7	17.7	59.7	23.7	+ 7 . 7	79.7	1	5 7	100.0	170.5	190.0	136.0	
ŧ,€	71	1.7	1	17.7	96 • 3	5 • 7	5 1 . 7	j9.7	54.7	97.7	99.7	. 5 . 7	.9.7	137.7	175.3	17.2	156.0	
ų.Ę	: .**1	1. 7	-7.5	; 7,7	+d • 3	2 . 7	77.5	99.7	59.7	+7 + ?	23.1	,	19.7	1.70+1	170.0	110.0	100.0	
1.5	:1	1.	- 7. 1	7	14.3	98.7	15.7	++.7	09.7	14.7	29.7		44.1	101.7	100.0	1.7.0	100.0	

TOTAL SUMBLY OF O SERVATIONS: 249

AD-A196 644 3/3 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHAF

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GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR BEATHER SERVICE/MAC

PERCENTAGE EREQUENCY OF OCCUPACIONE OF CEILING VERSUS VICIBILITY FROM HOURLY θ_{BS} exations

					ON HAME:		-					е≏ктн	FOF FEC F: JUL	HOURS	(LST):	18jjn-20	CC
	LING					• • • • •	• • • • • • • •		YILIR					• • • • • • •	• • • • • • •		•••••
1		<u>^[</u>	50	БĹ	G.F	SE	GE	GE	6 E	GE.	υE	n.E	Gł.	31	GF	GE	ьE
F É		in			4		2 1/2		1 1/2		1	7/4	5/0	1/2	7/16	1/4	C
																	U
•••			• • • • • •	• • • • • •		· · · · · ·	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	
40	CEIL	1.3	^a•l	> ° • 1	55 • i	55,1	55.1	55.1	55.1	55.4	55.4	5 4	- 5 . 4	55.4	*5.4	55.4	55.4
34.5	2 17 2. 1	1.2	5 4. 7	59.7	5 . I	52.7	5 4 • 7	58.7	53.7	59.1	59.1	50.1	r + - 1	57.1	19.1	59.1	59.1
-	157011	1.0	53.7	59 7	55 . 7	58.7	58.7	59.7	51.7	59.1	59.1	51.1	59.1	57.1	59.1	59.1	59.1
	16 21	i.:	5 1 1	58.7	53.7	59.7	58.7	59.7	58.7	59.1	79.1	57.1	59.1	57.1	59.1		-
	14. 551	1.	5 5 . 7	54.7	58.7	59.7							59.1		-	59.1	59.1
							58 • 7	58 • 7	58.7	59.1	59.1	53.1		59.1	69.1	59.1	59.1
i) L	17 1511	1.0	5.5.7	54.7	50 • 1	5, 9 . 7	58.7	59.7	58.7	59.1	59 + 1	5 0 • 1	19.1	59.1	63.1	59.1	'9•1
1,5	135211	1.5	15.3	75	75 • L	75.2	75.2	75.2	75.2	75.5	75.6	75.6	15.6	75.5	75.6	75.6	75.6
9 E	977.071	1.0	75.2	75	75 · J	75.2	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
u C	8 221	1.7	75.4	15.2	75.	75.2	15.2	75.2	75.2	15.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
υE	7"	2.5	750.	15.2	75.2	75.2	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.5	75.6	75.6	75.6
i, E	0.721	1	7 5	15.3	75.4	75.7	75.5	75.7	75. 3	75.2	76.2	74.5	76.2	76.2	76.2	16.2	76.2
										. ,	0.,		7 (7 + 2	10.2	75.2	,	1012
50	51,01	1.7	12.2	52.2	52 · č	82.2	82.2	82.2	82.2	82.5	92.5	50.5	92.5	92.5	95.5	67.5	P2.5
ūΕ	45	i -	- 2	40.3	52	32.2	42.2	82.2	83.5	82.5	A2.5	22.5	R2.5	82.5	2.5	82.5	92.5
G.E				20.4													
	97)	1.0	34		92.4	47.4	27.4	9C .4	97.4	90.8	30.0	y^	0.0 * 6	93.0	9 J • 3	40.8	90.8
91	35 - 11	1.0	3.1 - 1	7:1	91 - 1	91.1	91.1	91.1	91. ;	91.	21.4	41.4	91.4	91.4	91.4	y 1 . 4	91.4
SE	30 551	1.0	92.4	97.4	42+4	92.4	0 2 .4	92.4	92.4	92.7	22.7	97.7	92.7	92.7	92.7	92.7	92.7
ωE	25.04	! • "	1.5	16.0	96.3	95.7	96.3	95.5	96. C	96.4	75.4	76.4	96.4	95.4	96.4	96.4	96.4
HΕ	3.4	1.0	70.7	26.7	46.7	97.	97.5	97.0	97.0	97.4	27.4	,7.4	57.4	97.4	97.4	97.4	97.4
υE	10001	1. ~	77.4	27.4	÷7.4	27.7	97.7	97.7	97.7	98.5	96.0	G F	2 A . C	98.2	28.0	98.0	98.0
LE	15 501	1.0	27.4	3 7 4	97.4	93	Q P	98.0								•	
υĹ									98.	98.3	78.3	33.7	34.3	98.1	≎8•3	98.3	96.3
OL	12,51	1 • 7	3 9• .	\$ 0 € 0	99	59.7	99.0	80.0	90. g	99. ?	00.3	59.3	79.3	30.3	ç9 . 3	99.3	99.3
	1 11	:•^	15.3	99.3	ذ. 8۰	99.5	36.3	99.3	99.3	79.7	99.7	, 9 . 7	97.7	99.7	99.7	99.7	99.7
ωĒ	9 31	1.	2 1. 7	38.7	70.1	99.3	99.7	99.7	39.7	100.0	100.0	100.0	100.0	100.0	175+0	3.006	100.0
GL.	.1.1	1.0	7	90.7	30.7	49.3	99.7	99.7	99.7	130.0	150.0	100.0	100.0	100.7	1-0.0	100.0	100.0
0.€	77.11	1.7	23.7	18.7	10.1	99.7	99.7	99.7	29.7	100.0		11.7.3	170.5	142.0	100.0	107.0	100.0
t - E	- 1	1.7	7 4 7	24.7	23.7	59.3	95.7	99.7	99.7			1			100.0	160.0	
	, ,	• • •	• •		4511	77.2	77.1	77.01	77.1	17 1 • C	1 (0.40		1 0	100.7	1 0.0	10 .0	100.0
ut.	1.01	1. "	20.7	3P.7	9c . 7	99.3	99.7	99.7	99.7	1.00 • 0	109.0	100.7	100.0	100.0	100.0	100.0	100.0
1,5	4 .7	1.0	25.7	33.7	9c • 7	99.3	39.7	99.7	99.7	100.0	100.0		100.0	100.0	170.0	160.0	100.0
í É	, , , ,	1.0	73.7	33.7	98.7	99.2	64.7	99.7	99.7	100.6		157.7	100.0				
υF	1.01	1 -	8.7	39.7										100.0	100.0	160.0	100.0
	: ::1		-		46 • 7	97.3	99.7	47.7	99.7	100.p		100.0	170.0	130.0	100.0	107.0	100.0
13 5	1	1•"	5 3 . 7	3 R . 7	98.7	99.3	99.7	99.7	99.7	193.0	100.0	100.0	173.0	100.0	100.0	100.0	130.0
Ŀξ	74	1.7	29.7	₹₽.7	9d • 7	99.5	74.7	99.7	99.7	156.0	100.5	100.0	100.2	100.0	100.0	100.0	100-0

TOTAL SUMPLE OF ORSERVATIONS: 7.33

GLOBAL CLIMATOLOGY HEAMCH USAFFTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-87
FONTH: VILL 101PS(LST): 2100-73 CD STATION NUMBER: 275091 STATICA NAME: KAZAN USER

			• • • • • •	• • • • • • •	• • • • • •		• • • • • • •		BUITY	IN STATE		• • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
	.N. I	GŁ	GŁ	6 E	υE	GΕ	GE	GE	GE.	6F	GE	C.E	6.1	G£	GF	GE	6E
	ET i	1.0	ί.	5	4	-	2 1/2	_	1 1/2		1	1/4	578	1/2	c/16	1/4	0
		-												-			
																• • • • • • • •	
NO	CEIL	. 7	5, 6, 5	20.4	59.5	59.8	66.8	€C•p	60.6	65 · 8	60.8	^ •	60.8	6g.8	FC.8	60.8	60.8
6.6	100005	• 7	63.7	53.7	63.7	64.1	65.4	65.4	65.7	65.7	f5 • 7	65.7	65.7	65.7	15.7	65.7	65.7
υE	100001	. 7	6 3.7	53.7	63.7	64.1	65.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	05.7	65.7
GE.	161071	. 7	6 7.7	67.7	63.7	64.1	65.4	65.4	65.7	ь5 • 7	65.7	€5.7	65.1	65.7	65.7	65.7	65.7
	147001	. 7	5 3.7	57.1	63.7	€4.1	€5.4	65.4	65.7	55 • 7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
űΕ	121 001	. 7	63.7	53.7	63.7	64.1	65.4	65.4	65.7	65.7	65.7	65.7	45.7	65.7	65.7	65.7	65.7
υĒ	100 001	. 7	79.1	79.1	79.1	83.4	82.0	82.0	82.4	82.4	P 2 . 4	92.4	92.4	92.4	P2.4	52.4	82.4
11E	91 001	. 7	7 5 . 1	70.1	79 . 1	80.4	A 0	62.5	82.4	62.4	P. 2 . 4	62.4	82.4	82.4	F2.4	82.4	82.4
GΕ	8 201	. 7	79.1	79.1	79.1	80.4	H 2 + D	82.5	82.4	82.4	92.4	62.4	92.4	82.4	P 2 . 4	82.4	87.4
GE	7 - 6.11	. 7	79.1	79.1	79.1	83.4	A 2 . U	82.0	P 2 . 4	62.4	R2.4	82.4	92.4	32.4	P2.4	82.4	82.4
υĘ	60 001	. 7	79.1	7 2 . 1	79.1	80.4	97.0	82.0	82.4	92.4	32.4	57.	.2.4	82.4	F2.4	4	52.4
υE	50001	• 7	2.7	42.7	82 • 7	84.3	85.9	85.9	86.3	86.3	P6 • 3	85.3	R6.5	86 . 3	£6.3	66.3	86.3
G E	45.57	. 7	H 2.7	30.7	82.1	84.3	85.9	85.9	25.3	86.3	96.3	86.3	P6.3	86.3	A6.3	86.3	86.3
C.E	4. 201	. 7	48.9	6.6 • →	35 · ¥	30.5	92.2	92.2	92.5	92.5	92.5	ي. د ن	92.5	92.5	92.5	÷ 2 • 5	92.5
υE	35 U T	• 7	4 4.5	9 9 . 5	89.5	91.2	92.€	92.8	93.1	93.i	93.1	~ 3 · 1	≎3•1	93.1	93.1	93.1	93.1
υŁ	30 09 J	• 7	3.6.5	9 € 2	70 • č	91.8	9345	93.5	93.8	93.4	03.8	77.0	93.8	94.1	04.1	94.1	94.1
ίE	21 201	. 7	91.5	91.5	91.5	93.1	95	95.1	95.4	95.4	95.4	55.4	79.4	95.6	c5.8	95.8	95.8
υE	17001	• 7	92.5	12.5	96.5	54.1	46.4	96.4	96.7	96.7	76.7	36.7	94.7	97.1	97.1	97.1	97.1
ĿΕ	1801	. 7	92.6	9.7.8	72.45	54.4	96.7	76.7	97.1	97.1	27.1	97 · I	97.1	97.4	97.4	97.4	97.4
G.F.	15 0 11	. 7	7.5	y 7.5	→3 • 5	95.1	97.4	97.4	97.7	97.7	77.7	97.7	97.7	98.7	98.0	99.0	98 • C
υĒ	# G. I	• 7	95.1	95.1	95 • 1	56.7	79.0	99.0	99.3	99.3	00.3	63.	99.3	79.7	99.7	99.7	99.7
GE	11 001	. 7	95.1	99.1	95 • i	56.7	9.0	99.7	99.3	99.3	29.3	93.3	99.3	99.7	99.7	99.7	99.7
υE	91	. 7	25.	95.1	95	96.7	94.0	99.0	99.3	9.3	99.3	40.7	79.3	99.7	99.7	99.7	99.7
ÚΕ	این	. 7	35.	94.1	45.1	96.7	00.0	99.0	99.3	99.3	99.7	92.3	99.3	99.7	99.7	99.7	99.7
1 F	1001		95.1	9.5 + 1	95	96.7	99.0	99.0	99.3	74.7	09.3	y 0 . ?	99.3	99.7	79.7	99.7	99.7
6.6	61.51	. 7	95.1	25.1	25 - 1	96.7	99.0	99.0	99.5	96.	99.3	, , ,	99.3	99.7	49.7	99.7	99.7
υĹ	1001	. 7	45.4	75.4	45.4	97.1	99.3	99.3	49.7	95.7	9.7	59.7	99.7	160.0	100.0	137.0	100.0
ı, E	6 (17)	. 7	55.4	15.4	95.4	97.1	09.3	99.3	99.7	99.7	79.7	43.7	39.7	100.2	100.0	100.0	100.D
GE	7001	. 7	95.4	91, .4	95.4	97.1	99.3	97.3	99.7	99. ?	99.7	99.7	29.7	100.0	100.0	100.0	100.0
C: E	25,31	• 7	3 2 4	9 . 4	45.4	57.1	99.3	99.3	99.7	99.7	79.7	90.7	29.7	100.0	100.0	150.0	100.0
65	1.071	. 7	95.4	95.4	75.4	07.1	20.3	99.3	99.7	99.7	9.7	93.3	99.7	100.0	170.0	100.0	100.0
r	-1	. 7	15 0	25 11	06 1:	0.7	06.3	7	22.5		55.7	00.3	60.3	120.0	100.0	100.0	100.0
ĢĒ.			15,4	25.4	95.4	97.1	64.3	49.3	99.7	49.7	00.7	99.7	99.7	130.0	100.0	100.0	100.0
• • •				· · · · ·													

TOTAL NUMBER OF ORSERVATIONS: 706

GLOBAL CLIMATCLOGY PRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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S T	AUITA	NUM	GER:	27595 "		CA NAME:							MOSTE	: JUL		CLST1:	ALL	
	IL ING	• • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •			IN STATE				• • • • • • •		• • • • • • •	
	IN IFING		58	G.	Gē	GF	GE	GF	GE	GE 55	GE.	GE	S.E	Si	GE	GE	GE	GE
	EET		10	U.	5	٠ 4	-	2 1/2		1 1/1		1	374	5/A	1/2	5/16	1/4	D D
		-														97.10	1/4	
••	• • • • • •	• • • •										• • • • • •			• • • • • • •	• • • • • •		
140	CLIL	i	. 7	51.5	51.0	51.5	52.1	53.3	53.4	53.6	54.1	54.2	ī 4 * }	54.3	54.4	E4.5	54.5	54.6
ь£	25001	31	. 7	54.3	54.4	54.4	54.9	56.2	56.3	56.6	57.1	57.2	57.2	57.3	57.4	57.4	57.4	57.7
ιE	10000	1	• 7	54. 5	54.4	54 . 4	54.0	56.2	56.3	50.6	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.7
	1670		. 7	54.3	54.4	54 • 4	54.9	56.2	56.3	56.6	57.1	67.2	57.3	17.3	57.4	7.4	57.4	57.7
66	147 0	11	. 7	54.3	54.4	54.4	54.9	5 t • 2	56.3	56.6	57.1	57.2		57.3	57.4	E.7.4	57.4	57.7
UE	13143	: 1	. 7	54.3	54.4	54.4	54.9	56.2	56.3	56.6	57.1	5.7 . 2	57.2	57.3	57.4	57.4	57.4	57.7
1	16500	ı	. 3	64.5	5 1 .6	68.1	69.5	71.5	71.6	72.0	72.5	72 . €	72.7	72.7	72.8	72.9	72.9	73.2
GE.			۰۵	63.5	5 3 . 6	56.7	69.5	71.5	71.6	72.0	12.5	72.6	72.7	12.1	72.8	72.9	72.9	73.2
GE.	8 01	: i	. 0	6 8.5	68.6	63.7	69.5	71.5	71.6	72.0	72.5	72.6	72.7	72.7	72.5	72.9	72.9	73.2
GΕ	71.00		• B	68.5	54.5	68.7	69.5	71.5	71.5	72.0	72.5	72 .€	12.7	72.7	72.9	72.9	72.9	73.2
GΕ	6 1,7	71		59.1	60.1	59.2	73.1	72.5	72.1	72.5	73.1	73.2	77.7	73.3	73.4	73.4	73.4	73.7
υE	50.00	11	• •	73.5	73.6	73.7	74.7	76.7	76.8	77.2	17.8	77.9	75.3	78.0	78.1	78.2	78.2	76.4
6 F	45 30	<u>. </u>	. 9	73.8	73.9	74.3	75.0	77.C	77.2	77.5	75.1	78.2	70.3	76.3	78.4	70.5	78.5	78.7
GE	47.00	71	٠, د	21.3	91.2	31.0	82.5	84.7	84.8	85.2	85.8	45.9	45.0	95.0	86.1	P6.2	86.2	86.5
ьF	30 _	٩j	• 0	91.€	5 . 7	81.9	82.9	85.1	85.2	85.6	96.3	96.4	55.4	86.5	86.6	P6.7	86.7	96.9
úΕ	310	51	. 2	82.4	3.7	33.2	84.2	86.5	86 .6	87.0	87.6	P7.7	57.5	97.9	88.0	P 8 • 1	58.1	88.3
										•			·-					
', E	21 31	. 1	. 0	26.	36.1	66.3	67.2	89.7	89.8	90.2	90.9	91.0	91.1	91.1	91.3	91.4	91.4	91.7
CF	21.01	21	۰	37.4	37.5	c 7 • 7	88.7	91.4	91.5	91.9	92.6	72.7	9.7.0	72.€	93.0	93.1	93.1	93.3
ωE	1 P	1	ຸ້າ	a .	5 : 1	nB 3	89.3	92.0	92.1	92.5	93.2	93.3	53.0	93.4	93.6	?3.7	93.7	94.0
5E	15	:1	. 4	99.6	90.8	59	97.1	72.8	92.9	93.3	94.5	94.1	, 4 . ~	94.5	94.4	C4.5	94.5	94.7
GE	17.00		. ?	72.0	7 7	+1.9	91.9	94.8	95.0	95.3	26.1	26.	41.1	36.3	96 • 5	96.6	96.6	96.9
→E	11 50	:1	• Ç	; 1.4	11.5	91.7	92.9	75.9	96.1	76.4	97.4	47.4	7.5	97.6	97.7	07.8	97.8	98.1
CE	٥. (• ¢	94.5	9 : •€	71.7	93.0	16.1	96 .2	76.6	97.5	77.€	47.7	97.7	97.7	26.0	98.3	98.3
υE	۰ ,:	:1	• 5	71.7	9 i . 9	72.1	93.2	96.3	96.4	96.5	37.7	27.8	97.9	27.9	99.1	78.2	98.2	98.5
UF	7.20	1	. 9	11.9	→ ^ • 1	92.3	97.4	96.6	96.7	27.1	95.1	98.1	90.	38.3	28.4	24.5	94.6	98.8
υE	6 u.	-1	. 0	93.3	22.1	92.3	93.5	96.8	96.9	97.3	98.3	79.4	, 0 , 1,	98.6	99.7	28.8	90.9	99.1
9E		1	, G	0 2.	72.3	72.5	93.7	97.0	97.1	97.6	99.6	78.6	, 2 . 7	98.8	99.3	99.3	99.1	99.4
υ£	4 t.		• Ġ	.2.1	12.3	12.5	93.8	77.2	97.3	27.8	99.6	≎8•¢	,0.5	99.1	99.3	09.3	99.4	99.7
úΕ	7 ()*	- 1	• 0	7.2.1	9.2.3	92.5	93.0	97.2	97.3	97.8	99. 1	29.	90.	99.1	99.3	29.5	99.5	99.9
ÜΕ	2.00	. 1	• 0	42.1	9 7 . 3	42.5	51.9	97.2	97.2	27.8	98.5	29.7	99.1	99.2	97.3	r9.5	99.6	100.0
GE	1.35	٦1	• ?	₹2•1	9.2.3	22.5	93.2	97.2	97.3	97.8	9 R . R	99.0	49.1	99.3	79.3	99.5	99.6	100.0
								_									. •	
üΕ		٠١	• ?	72.1	12.3	٠, , , ,	93.8	47.6	41.3	97.4	98.3	23.0	40.1	79.2	99.3	09.5	97.6	100.0
••	• • • • •	• • • •	• • • • •				• • • • •								• • • • • •	• • • • • •		

TOTAL NUMBER OF OF SERVATIONS: 2418

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE ERFOUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 27595% STATION NAME: KAZAN USSR

PER100 OF RECORD: 78-87 MONTH: AUG VISIBILITY IN STATUTE MILES E . GE GΕ IN | FEET | GF GE GE 2 1 1/2 1 1/4 GE 174 5/8 1/16 61.5 NO CEIL 1 61.1 62.8 62.8 62.8 63.9 63.6 63.5 63.9 64.1 64.1 GE 20767} 62.1 62.1 67.1 63.5 64.5 64.5 64.5 64.5 64.8 GE 188001 GE 168001 GE 140031 63.5 63.5 63.5 54.5 64.5 64.5 64.5 64.5 51.8 61.8 61.4 63.5 64.5 64.8 61.6 63.5 64.5 54.5 64.8 64 . R 64.5 64.5 04.5 61.8 61.8 61.3 62.1 63.5 63.5 64. -64 . A 64. A 6:00 0E 150 03 | 0E 95 00 | 0E 55 00 | 0E 77 00 | 0E 05 07 1 01.7 81.7 80.4 80.7 80.7 81.7 51.7 R2.1 82.1 77.1 77.1 77.1 17.1 77.7 77.7 81.4 91.4 80.7 80.7 87.7 81.7 61.7 91.7 51.7 51.7 61.7 81 - 7 82.1 81.7 21.7 P 2 . 1 81.7 82.1 62.1 9 C . 4 80.7 8 3.7 a C . 4 81.1 55001 79.1 77.1 79.1 79.7 82.4 83.1 83.1 83.7 87.3 88.7 94.4 84.4 04.1 94.1 44.1 84.1 84.1 84.4 45 UST 47 UST 79.7 32.7 34.4 94.7 GE 83.7 87.0 89.7 84.7 80.4 95.7 85.0 88.7 79.7 83.1 65.0 88.7 90.4 87.4 84.7 34.7 84.7 85.0 ° 2.7 88.4 90.0 82.7 83.4 96.4 88.4 88.7 85.0 90.0 95.4 84.4 5 t . J 90.4 GE 95.7 25 00) 25 00) 18 00 } 15 00 } 10 00 } 90.4 91.5 91.6 (F 15.4 86.4 87.3 87.7 91.0 91.7 92.7 92.7 97.4 97.4 95.0 84.4 92.7 93.0 93.0 93.0 • 3 47.0 27.0 49.7 91.7 91.7 93.4 93.4 93.7 93.7 93.7 93.7 36.7 93.4 SE 91.7 93.4 99.7 O.E. 87.4 93.4 95.0 35.0 95.0 95.3 95.3 95. 3 ιE 96.7 96.7 96.7 1000 5 pl 8 01 7 pl 0F 97.3 97.3 99.3 . 3 - 2.4 93.4 91.9 75.4 95.7 97.3 97.3 97.3 98.3 97.7 97.7 98.7 95.7 97.3 77.3 27.7 97.7 95.3 95.7 95.7 7.44 91.4 90.4 71.0 91.4 92.3 97.3 97.3 47.1 97.7 98.7 GE 95.7 95.7 Uξ 96.3 99.7 96.3 GE. 99.3 96.3 νE 36.€ 98.7 1 , 1 | 4 /6 | 2 , 2 | 2 , 3 | 92.4 92.4 96.9 99.7 99.7 99.3 99.7 11.0 51 • j 95.7 96.7 93.7 99.0 99.5 99.5 99.3 99.3 91.0 91.0 91.0 21.3 99.3 99.[99.0 99.7 96.0 96.7 99.0 96.7 98.7 92.4 98.7 99.7 υĒ 91. 91.2 96.0 96.7 96.7 99.0 99.5 99.0 99.3 99.7 99.7 99.7 / i+a ^ 1+3 91... 92.4 36.€ 99.0 99.7 96.7 96. 7 29.3 99.1 99.3 100.0 21 99.7 100.0

TOTAL NUMBER OF OFSIRVALLESS:

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GLOHAL CLIMATOLOGY REANCH USAFETAC AIR WEATHER SERVICE/MAC

PENCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VEHICUS VICIALITY FROM HOLFLY OBSERVATIONS

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STATION NUMPER:										MONTH	: ∆UC		(LST):		60
CE IL ING	• • • • •	• • • • • • •	• • • • • • •		•••••		BILITY					• • • • • • •	• • • • • • •	• • • • • •	
IN GE FEET IT	CF (61 5	GE 4		6E 2 1/2	GE	GE 1 1/2	GE 1 1/4	G E 1	96 7/4	Gf 575	G£ 1/2	GE 「/16	GŁ 1/4	GE G
NO CETE I	51.5	51.5	51.5	52.5	55.1	55.1	5 5. e	> 6.4	56.8	57.1	57.1	57.1	5.7.5	57.8	58.1
66 200001 66 180001 66 160001 66 160001 66 160001	53.6 53.6 53.6 53.6 53.6	53.8 53.8 53.0 53.0 53.8	53.5 53.5 53.8 53.8 53.8	54.8 54.8 54.8 54.9	57.8 57.8 57.8 57.8 57.8	57.8 57.8 57.8 57.8	58.5 58.5 58.5 58.5	59.6 59.5 59.5 59.5	59.5 59.5 59.5 69.5	50.4 50.8 50.3 50.3 50.6	59.8 59.8 59.8 59.8	59.8 59.8 59.8 59.8 59.8	60.1 60.1 60.1 60.1 60.1	60.5 60.5 60.5 60.5	6 0 . 8 6 0 . 8 6 0 . 8 6 0 . 8
SE 100001 DE 9001 DE 9001 DE 9001	65.8 65.8 65.6	65.8 65.8 65.8 65.4	65.8 65.6 65.8 65.8	67.4 (7.4 67.4 67.4	72.1 72.1 72.1 72.1 72.1	72.4 72.4 72.4 72.4 72.4	73.4 73.4 73.4 73.4 73.6	74.4 74.4 74.4 74.4	74.4 74.4 74.4 74.4 74.6	74.3 74.2 74.3 74.4 75.4	74.8 74.8 74.6 74.8	74.8 74.8 74.8 74.8 74.8	75.1 75.1 75.1 75.1 75.1	75.4 75.4 75.4 75.4	75.7 75.7 75.7 75.7 75.7
GE Sheat (CE 4500) (GE 47.01 GE 21.00)	69.1 69.0 73.1 73.4 73.4	69 • 1 69 • P 7 3 • 1 7 3 • 4 7 3 • 4	69.1 69.5 73.1 73.4 73.4	70.8 71.4 74.8 75.1	75.4 76.7 80.4 60.7 81.4	75.7 77.1 80.7 61.1 81.7	76.7 78.1 81.7 82.1 82.7	77.7 79.1 82.4 83.7	77.7 79.1 93.4 93.7	79.4 79.7 80.1 84.4	79.4 79.7 84.1 84.4	78.4 79.7 84.1 84.4 85.3	78.7 80.1 84.4 84.7	79.1 60.4 84.7 55.0 65.7	79.4 80.7 85.0 85.4 86.0
6E 25601 6E 2700) 6E 17001 6E 17001 6E 12001	74.1 76.4 76.7 77.4 95.4	74.1 16.4 76.7 17.4 53.4	74.1 76.4 76.7 17.4 Fi.4	75.7 78.1 78.4 72.1 82.1	87.1 44.4 84.7 85.7 85.4	82.4 64.7 85.0 86.0 89.7	83.4 85.7 86.0 87.0 91.0	85.7 87.7 86.7 93.0	85.E 97.4 97.7 86.7 93.E	65.7 69.4 59.7 69.7 94.7	85.7 88.7 89.7 89.7	85.7 59.4 89.7 89.7 94.4	96.0 96.7 99.0 90.0 94.7	86.4 69.0 69.4 90.4 95.0	66.7 89.4 89.7 96.7 95.3
GE 11001 DE 5101 GE 8001 GE 7001 SE 5001	4 (.4 6 (.4 6 (.4 4 (.1 4 (.1	87.4 87.4 87.4 51.1	РС.4 РС.4 ЯС.4 81.1 81.1	82.4 82.4 82.4 83.1	90.0 90.4 91.4 91.7	90.4 90.4 90.7 91.7 92.5	91.7 91.7 92.6 93.3 94.0	94.0 94.0 94.4 95.3 96.3	94.0 94.0 94.4 95.3	50.4 60.7 90.3 90.3 97.7	95.0 95.0 95.3 96.3 97.3	95.3 95.3 95.7 96.7 97.7	95.7 95.7 96.0 97.0 98.0	96.0 96.3 97.3 98.3	96.3 96.3 96.7 97.7 98.7
6F (00) 6E (00) 6E (20) 6E (20) 6E (10)	7 1 · 1 7 1 · 1 5 1 · 1 2 1 · 1 2 1 · 1	81.1 81.1 81.1 81.1 81.1	#1.1 #1.1 81.1 51.1	63.1 63.1 63.1 63.1	91.7 91.7 91.7 91.7 91.7	92.0 92.0 92.0 92.0 92.0	94.0 94.0 94.0	96.3 96.7 96.7 96.7 46.7	96.7 96.7 96.7 96.7	\$7.7 97.7 97.7 97.7 \$7.7	97.3 97.7 97.7 97.7 97.7	97.7 98.0 98.0 98.0 98.0	98.0 98.3 98.3 98.7 98.7	48.3 98.7 48.7 99.0 99.0	98.7 99.0 99.3 99.7
uE ·1	5.1+1	8:41	61 - 1	B3+1	91.7	97.0	94	76.7	96.7	97.7	97.7	98.0	98.7	99.0	100.0

TOTAL NUMBER OF GREENATIONS: "...I

GLOBAL CLIMATOLOGY DRANCH USAFLTAC AIR MEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VEHAUS VISIBILITY FROM FOLGLY OBSERVATIONS

PERIOD OF RECOPD: 78-67

97.3

97.3

97.7 98.3 98.3

08.J

100.0 100.0

99.0 100.0

96.0 96.0

MONTH: AUG POURS(EST): 2600-0860

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

											•				
CEILING	• • • • • • •			• • • • • • •			D 11 FT V	IN STATI	TE MIL		• • • • • • •				
14 CE	GF	66	GΕ	66	6.5	GE	Gr	GF	GE	Ci.	() F	SE	GΕ	GE	GE
FEET 1	5	F.	4		2 1/2		1 1/2		1	7/4	5/8	1/2	٠/16	1/4	O.
***********									_						_
	• • • • • • • •	• • • • • • •		• • • • • •	• • • • • • •		• • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • •	• • • • • • •		• • • • • • •	•••••
NO CETE I	+1.0	41.0	41	41.7	48.0	48.3	48.3	50.7	50.7	51.7	51.0	51.0	51.3	51.3	52.7
42.6	7110	7.15	****		.,,,,		. 5. 5	3.3.		- • •		J	71.5	31.0	,,,,
GE 23751	4 3. :	43.	43.0	43.7	50.0	50.0	50.3	52.7	52.7	52.9	53.0	53.7	53.3	53.3	54.7
GE 18' 60 i	4 3	4 5 . 1	43.	43.7	5	50.0	50.3	52.7	52.7	67.0	53.0	53.7	53.3	53.3	54.7
GE 160 GG	4.3	4 3 .	43.5	43.7	50.0	50.0	50.3	52.7	52 • 7	1.7.3	53.0	53.0	53.3	53.3	54.7
UE 140 201	4 3	43.	43.5	43.7	50.0	50.0	5.3.3	52.7	52.7	57.1	53.0	53.0	53.3	53.3	54.7
6E 12769	4 3 . (.	43.0	45.3	43.7	50.0	50.0	5.7.3	52.7	52.7	. 7 . 7	53.6	53.0	53.3	57.3	
05 15 651	4 5 t.	4 3	45.0	43.1	36.0	20.1	2.34.3	52.1	-2.1	•	23.0	13.1	. 3 • 3	2. * 3	54.7
08 12 1001	58.3	50.3	56.3	59.0	67.3	67.3	68.3	71.3	71.3	71.7	71.7	71.7	72.3	12.3	73.7
of 9°J01	5 4. 3	53.3	58.3	52.3	67.3	67.3	68. t	71.3	71.3	71.	71.7	71.7	72.3	72.3	73.7
				59.0		67.3					-				
	5 8 • 3	53.3	58 . 3		67.3		69.3	71.3	71.3	71.7	71.7	71 • 7	72.3	72.3	73.7
%E 70 UE	58.3	53.3	58 • 3	59.5	67.3	67.3	69.3	71.3	71.3	71.7	71.7	71.7	72.3	72 • 3	73.7
NE 0, 731	5.3 • 7	53.7	58.7	54.3	67.7	67.7	68.7	71.7	71.7	77.0	72.5	72.0	72.7	72.7	74.0
GE SHUEL	66.7	67.7	50.7	61.3	69.7	69.7	73.7		74 . C		74.7	74.7	75.3	75.3	76.7
0E 95071	51.7							74.3		74.3					
		61.7	61.7	62.3	7:.7	70.7	71.7	75.0	75 • C	76.3	75.7	75 • 7	76 • 3	76.3	77.7
SE 41661	65.7	55.7	55 • 7	65.3	74.7	74.7	76. (79.3	79.3	70.7	P ()	90.0	°0.7	8 C • 7	82.0
0E 35 JT	င် 5 • [66.6	56 • J	66.7	75.0	75.0	76.3	79.7	79.7	67.3	P 7 • 3	80.3	P1.3	e1.0	82.3
GE 31301	66.7	65.7	66.7	67.3	75.7	75 • 7	77•U	80·3	°0•3	0?	21.J	81.3	P1.7	61.7	83.0
CE 25001			46.												
	6 % - 3	50.3	68.3	69	77.3	77.3	78.7	82.2	62 • C	67 . 3	P 2 . 7	92.7	P3.3	c 3 • 3	84.7
58 21 GB	7.0+3	13.7	70+3	71.3	19.7	79.7	81.3	84.7	£4.7	55.0	95.3	45.3	86.0	86.0	97.3
6E 15 (3)	7 - 1	77.7	73 • 7	71.7	به ک ۹	87.7	81.7	85.0	P 5 • C	45.3	05.7	85.7	° t • 3	66.3	87.7
56 15 J	71.5	71	71.5	12 ⋅ €	° U + 3	80.3	9.2 • 3	95 • 7	P5 • 7	F. F. (2)	P6.3	86.3	97.0	67.0	88.3
SE 17.71	7 3. 3	7 ! • 3	13.3	75.0	÷ 3 . 3	83.3	85.3	89.7	98.7	80.7	03.3	39.3	93.3	40.0	91.3
0E 10001	75.	75.	75 • J	75.7	° 5 . 3	85.3	87.3	91.0	91.0	£1 • 3	72.0	92.0	92.7	92.7	94.0
0E 9 .n1	15.0	7.5 • 5	75.3	76.7	₽ 5 • 3	65.3	P7.5	91.7	ુ1 • ઉ	11.7	25.0	35 • D	92.7	92.7	94.0
6E 9.001	75.3	7 5 • 3	75 . 3	77.0	95.7	85.7	87.7	91.3	91.3	91.7	92.3	92.3	93.3	93.0	94.7
6E 7.51	7.5 • 7	75.7	75 . 7	77.3	50.0	36.3	83.0	92.0	1•5ء	10.3	93.5	93.7	33.7	93.7	95.3
UE EST	70.	76.	76 . J	78.0	8 c . 7	86.7	88.7	×3.3	c3.3	97.7	94.3	94.3	95.J	95.0	96.7
ا " ي ع	75.3	75.3	76 • 3	79.3	87.0	87.7	99.3	94.3	24.3	14.7	95.3	95.3	26.3	96.0	97.7
6E 4 1	76+7	75.7	7£ • 7	79.7	97.7	87.7	97.3	95.7	95.7	94.0	96.7	96.7	97.3	97.3	99.0
GE Tuil	76+7	15.7	76.1	79.7	87.7	67.7	90.3	96.0	96.9	94.1	37.4	97.3	97.7	97.7	99.3
5.4	217	74.7	76. 7	7 = 7	977	077	0.0.	01 -	61.0		0.7 "	07 -	20.2	00 0	100 0

TOTAL NUMBER OF OPSERVATIONS:

76.7 75.7

76 • 7

79.7

47.7

87.7

.1

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETEING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 27595" STATION NAME: MAZAN USSR

MC:TH: AUG - FOURS(LST): URUN-1165

												41 -, 1 p			rrelia (
CES	LING	••••	• • • • • •	• • • • • • •			••••	121 v	RILITY	IN STATE		• • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	N I	GE	GF	31	G.S.	GE	CF	GE	GE	65	6E	CE	6:	GE	6 E	G f	GE
	ET I	10	U	•	4		2 1/2		1 1/2		1	1/4	5/8	1/2	1/16	1/4	a
_											-						
				••••		• • • • • • •		• • • • • • •									
ts 0	CLILI	. 3	4 7. 3	47.3	49.3	47.3	49.7	50.0	50.0	50.n	50.0	50.3	50.0	50.0	50.0	50.0	* 0 • 3
			_	_	• •		•			•		,			•		
LF	200001	. 3	51.6	51.5	51.6	51.6	52.0	52.3	52.3	52.3	52.3	92.3	52.7	52.3	52.3	52.3	52.6
	18: .01	. 3	51.6	51.6	51.6	51.6	52.0	52.3	52.3	52.3	5.2 . 3	50.3	52.3	52.3	52.3	52.3	52.6
	107421		F 1 . 6	51.5	51.0	51.6	52.3	52.3	52.3	52.2	r 2 • 3	50.3	52.3	52.3	52.3	52.3	52.6
	147671		51.6	ى ، ، د	51.5	51.6	52.3	52.3	52.3	52.3	12.3	52.1	5	52.3	£ 2 . 3	52.3	52.6
	120 001	. 3	51.0	51.6	51.6	51.6	52.0	52.3	52.3	52.3	5.2.3	52	62.3	52.3	52.3	52.3	52.6
		• -	, , , , ,	3.00		- • • -	3	22.00	,,	32.0		-· • :		72.0	,,,,	72.0	72.0
1,3"	197301	. 3	70.4	72.7	74.7	71.1	72.7	73.0	73.0	73.6	73.4	77.4	73.4	73.4	73.4	73.4	73.7
65	91001	. 3	72.4	7 . 7	70.7	71.1	12.7	77.0	73.3	73.5	73.4	77.4	77.4	73.4	3.4	73.4	73.7
ÚΕ	8:-31	. 3	72.4	72.7	73.7	71.1	72.7	73.7	71.0	73+0	73.4	77.4	73.4	73.4	73.4	73.4	73.7
v:E	70 35 1	. 3	-1.7	71.1	71 . 1	71.4	73.0	73.4	73.4	73.4	73.7	. , ,	73.7	73.7	73.7	73.7	74.0
SE	60001	. 3	71.1	71.4	71.4	71.7	73.4	77.7	73.7	73.1	74.0	76.7	74.0	74.3	74.3	74.0	74.3
	0 377	• •	•••	,		,				, , ,					, 4 , 5	, , , ,	, , , ,
G.E	5 001	. 3	73.	77.4	73.4	74.3	75.7	76.0	76.0	76.0	76.3	76 . 3	75.3	75.3	76.3	76.3	76.6
úΕ	45,31	• 3	73.3	73.4	73.4	74.0	75.7	76.3	76.3	76 • C	75.2	71.3	75.3	76.3	76.3	76.3	76.6
üΕ	47.001	. 3	76	15.2	76 . 3	77.3	7£.6	78.9	79.9	78.9	79.3	70.3	79.3	77.3	79.3	79.3	79.6
GΕ	35001	. 3	76.3	76 .t.	76.0	77.3	78.9	79.3	77.3	79.7	79.5	13.6	79.0	79.6	79.6	79.6	79.9
ĞΕ̈́	3 10 1	. 3	73.	79.3	76 • 3	78.7	8 (• 6	80.9	80.9	83.9	81.3	2	31.3	91.3	e1.3	01.1	81.6
		• •		,	,,,,,	1.7.		****	, , , , , , , , , , , , , , , , , , ,	0 ,.	• • •					-1-3	~ * * * *
UΕ	25 11	• 3	79.5	17.0	79.9	87.6	82.2	82.6	82.6	82.4	P2.9	87.9	A 2. 5	82.9	92.9	62.9	83.2
GΕ	20201	• 3	92.3	82.€	82.6	83.2	85.2	85.5	A5.5	05.5	95.9		25.4	85.9	85.9	65.9	86.2
'nΕ	15201	• 3	3 3	33.6	33.0	84.2	86.2	86 .5	86.5	56.5	P6.8	85.0	30.6	36 · A	F6 . 8	66.P	87.2
GE	15.31	• 3	75.4	35.6	45.2	87.2	89.1	89.5	89.5	89.5	49.E	50.3	93.6	97 F	99.5	64 · B	90.1
GF.	10.01	. 3	4 7 . 1	57.5	89.	97.8	9 2 . 4	93.8	93.8	93.8	74.1	44.1	24.1	94.1	24.1	94.1	94.4
	•		-	·		, , , ,											•
G.E.	: :11	. 7	6 g. 5	90.8	90.6	92.1	94.7	95.1	95.1	55.1	95.4	40.4	93.4	95.4	25.4	95.4	95.7
6.8	9.001	. 7	7 J. a	9!.:	91.1	92.4	95.1	95.4	95.4	95.4	25.7	75.7	95.7	95.7	95.7	95.7	96.1
0.E	a Joil	. 3	71.1	71.4	91.4	92.8	96.1	96.4	95.4	96.4	96.7	96.7	95.7	96.7	26.7	96.7	97.0
C.E	7	. 3	21.4	92.1	92.1	93.4	7 € • 7	97.0	97.3	97. ~	97.4	17.4	27.4	97.4	97.4	97.4	97.7
U.E	451	. 3	27.4	77.	92.6	94.1	97.4	37.7	93. J	98.0	99.4	98.4	78.4	98.4	98.4	98.4	98.7
									, ,, ,								
υŁ	5 371	• 3	72.4	92.5	92.8	94 .:	77.4	97.7	ଦ୍ୟ 🖫	98.0	28.4	90.4	25.4	98.4	98.4	98.4	98.7
UΕ	إرينا	. 3	92.4	92.0	92 . H	94.1	98.0	99.4	28.7	98.7	99.0	99.3	99.7	99.0	09.3	99.0	99.3
üŁ	7 .21	. 3	₹2.4	12.0	92.8	94.1	78.0	98.4	28.7	99.3	09.7	47.7	22.7	39.7	99.7	99.7	100.0
bΕ	2.01	. 3	92.4	92.5	92.0	94.1	98.0	98.4	98.7	99.3	22.7	70.7	99.7	99.7	99.7	99.7	100.0
GE	1.01	. 3	72.4	92.6	92.8	94.1	98.0	96.4	98.7	99.3	39.7	20.7	77.7	99.7	09.7	99.7	100.0
				• •						7, 4 3	• .	•					
υ£	:1	, τ	72.4	3 . 6	92.8	94.1	98.	98.4	98.7	43. 2	09.7	20.7	27.7	99.7	07.7	99.7	100.0
						. <i></i>											

TOTAL HUMBER OF CASERVATIONS: 354

CLOBAL CLIMATOLOGY 3PAYCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY USAFLIAC FROM HOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

CEILING IN GL GF GF GF GF GF GF GF
No Cell 17
The
FEET 17
NO CET 1 .7 43.6
NO CET 1 - 7 43.6 45.6 43.6 43.6 43.6 43.6 43.6 43.6 43.6 43
GE 207001 .7 45.0 45.2 45.3 45.3 45.3 45.3 45.3 45.3 45.3 45.3
0E 18007 .2 45.2 45.3
0E 18007 .2 45.2 45.3
US 161001 1.2 45.1 45.2 45.3
0E 14000 .3 45.0 45.3
0.6 100001 .3 45.0 45.2 45.3
SE 1 TOT .3 59.7 50.1 60.1 67.1 60.1 60.1 60.1 60.1 60.1 60.1 60.1 60
60 97 uul
GE 87 0.7 0.3 0.7 0.3 0.0 0.
66 77 00 67 67 1
OE 60.21 .3 06.1 50.4 60
0E STUTH 13 64.8 65.1
6E 4FILL .7 65.1 65.4 65
6E 4FIJI .3 65.1 65.4 <t< td=""></t<>
UE 40.01 .3 76.2 76.5 76.6 76.6 76.6 76.0 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 76.6 <t< td=""></t<>
6E 35.031 -3 76.5 76.8 <
66 3001 .3 79.9 63.2 80.2 80.2 80.2 80.2 80.2 80.2 80.2 80
SE 1/301 .7 91.9 89.0 89.9 89.9 89.6 99.6 92.6 <t< td=""></t<>
SE 2014 37 44.9 49.3 89.3 89.3 89.9 89.0 89.0 89.9 89.0 89.0 89.0 89.9 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0 <th< td=""></th<>
7E 1800] +3 91+0 91+9 91+9 91+9 92+6 92+6 92+6 92+6 92+6 92+6 92+6 92
68 15 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
UE 1001 -7 96-3 96-6 96-6 96-6 97-3 97-3 97-3 97-3 97-3 97-7 97-3 97-7 97-3 97-7 97-3 97-3
DE 1001 -7 97-1 97-2 97-3 98-3 98-3 98-3 98-3 98-3 98-3 98-3 98
of 9504 -3 97-5 97-3 97-3 97-3 98-3 98-3 98-3 98-3 98-3 98-3 98-3 98
DE 5.11 -7 97-5 97-5 97-5 97-5 98-3 98-3 98-3 98-3 98-3 98-3 98-3 98-3
UE 7 1. 1 - 3 07.0 97.3 91.5 97.3 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7
6E 6E'i •7 97•7 99•3 99•3 99•7 99•7 100•0 100•0 100•0 100•0 100•0 100•0 100•0 100•0
66 FOLK -8 97-7 98-3 98-3 98-3 99-7 99-7 130-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0
UE 4004 .1 97.7 98.8 98.3 99.3 99.7 100.8 100.6 100.0 100.0 100.0 100.0 100.0 100.0
0.0 1.01 .3 97.7 .n.: 08.3 98.2 99.7 99.7 133.1 10.0 170.0 10.0 100.0 100.0 100.0
CE 7.01 -7 97.7 99.5 98.3 99.3 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
⊌E 1991 •? 97•7 •∂•7 98•3 99•? 99•7 99•7 100•0 100•0 100•0 100•0 100•0 100•0 100•0
DE C1 -7 97.7 19.5 98.5 98.5 99.7 99.7 109.0 100.0 100.0 100.0 100.0 100.0 100.0
or of e. Net Net 1842 4842 A841 AA41 AA41 1784 1300 1.340 17.50 17.40 1034 1.404 10040 10040

TOTAL NUMBER OF 035FRVATIONS: 236

GLOBAL CLIMATOLOGY FFANCH USAFETAC AIR WEATHER SERVICE/HAC

PERCENTAGE PREQUENCY OF OCCURPENCE OF CFILING VEHTUS VINIFICITY FROM HOURLY OBSERVATIONS

-					OK NAME:								t-F - T C	-		15_0-17	co
• • •		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •						• • • • • •	• • • • • •	• • • • • •	co
	LING				_				PILITY								
		GL.	GF	17 E	GΕ	GF.	LF	r E	GE	GF	GE.	11.	61	'GŁ	5 F	GE	σŧ
		1 "	U	•	4		2 1/2		1 1/3		i	7/4	5/ 5	1/2	r/16	1/4	u
	• • • • • •		• • • • • •		· · · · · · · · ·		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • •			• • • • • • •	
NC	CEIL I	• *	42.3	42.3	42.3	42.6	42.6	42.6	42.6	42.6	42•€	42.5	4.7 • €	42.5	42.6	42.6	42.6
6.5	200021	. 3	46.0	4 3 . 0	46 • Ú	45.3	46.3	46.3	46.3	46.3	46.3	45.7	45.3	46.1	46.3	44.3	46.3
6E	18750		46.6	96.0	46 . 5	46.3	46.3	46.3	46.3	46.3	46.3	46.3	40.3	46.3	46.3	46.3	46.3
6 E	16:201	. 3	46.0	40.0	46.0	46.3	46.43	46.3	46.3	46. ?	46 . 7	44.7	40.3	46.3	46.3	46.3	46.3
ьE	140001	. 3	46.0	46.0	45.3	46.3	46.3	46.3	46.3	46.3	46.3	41.3	45.3	45.3	46.3	46.3	46.3
GE	120011	. 3	46.5	4.	46 •)	46.3	46.3	46.3	46.3	46. 7	46.3	45.5	45.3	45.3	46.3	46.3	46.3
	100.51	. 7	61.7	51.7	61.7	62.4	6 < • 4	62.4	62.4	62.4	62.4	€ 🖰 • "4	62.4	62.4	F2.4	67.4	62.4
CL	3000	• 7	51.7	51.7	61.7	(2.4	62.4	62.4	62.4	62.4	62.4	62·4	62.4	62.4	62.4	62.4	62.4
üΕ	8" cc l	. 7	61.7	51.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	60.4	62.4	62.4	62.4	62.4	62.4
υĒ	70001	• 7	6 7	51.7	61.7	62.4	62.4	62.4	62.4	52.4	62.4	67.4	62.4	62.4	45.4	62.4	62.4
ĿΕ	60 f 3 f	• 7	6.2+1	5 7 • 1	6 1	62.6	62.8	62.8	62.8	52.P	52+5	17.4	62.6	62.5	£2.8	62.₽	62.8
G E	57,001	. 7	6 ° . t.	69.8	61.3	70.5	70.5	10.5	77.8	7 :: - 8	70.6	7~.8	70.8	7).2	70.9	70.8	70.8
GE.	45.01	. 7	69.8	57.0	69 • d	73.5	70.5	73.5	70.8	72.8	71 - 1	71.1	71.1	71.1	71.1	71.1	71.1
6E	40331	. 7	8 3. 6	93.t	93.5	84.2	84.2	84.2	84.9	54.9	95.7		55.2	85.2	95.2	65.2	85.2
űE	21 051	. 7	34.2	34.2	34 - 2	54.9	94.9	84.9	95.0	65.6	95.5	, .	45.9	85.9	05.9	85.9	85.9
5E	37601	. 7	96.1	46.6	96 • 6	67.2	97.2	87.2	87.9	87.7	08.7		BH . 3	88.7	98.3	68.3	66.3
						•			• • • •	* . • .		•				34.3	, ,,,,
6 E	25	. 7	9 4. 3	37.3	59.5	89.9	99.9	89.9	93.6	10.5	90.9	¢ ~ • 0	99.9	93.9	21.9	10.9	96.9
ĢΕ	27071	. 7	ີ ເ∙ຍ	90.0	12.5	93.3	93.3	97.3	94.J	24.3	24.3	14.3	94.3	94.3	94.3	94.3	94.3
CE	10 371	. 7	12.6	37.5	35.₽	93.3	93.6	93.6	94.3	94.3	3000	44.7	44.€	94.6	24.6	+4.6	94.6
1. E	10001	• 7	2 7.4	y 5 +5	43 + t	94.	94.6	94.6	95.3	95.3	75.6	75.6	35.6	95.6	75.6	95.6	95.6
٠٠E	170.1	1. ^	96.3	95.7	د ه ه	47.3	77.7	97.7	79.3	3 4 . 3	CH • 7	96.7	38.7	98.7	იმ.7	9 P . 7	98.7
GΕ	10001	1. ~	35.6	76	96.6	97.7	9 8	94.€	28.7	y8.7	99.5	52.1	99	99.7	9.5	99.9	99.0
ű.E	90.1	1 -	+1.	97.	47.	98.0	9 € • 3	98 • 3	99.;	99.0	00.3	55.5	39.3	22.3	97.3	49.3	99.3
i, E	- 601	1	37.7	27.7	97.7	98.7	99	90.7	22.7		100.0	1000	107.0	100.3	100.5	100.0	100.0
Ç.€	7.5	1.0	5.7.7	91.7	27.7	09.7	99.0	90.0	99.7		100.0	12.	ini.	100.0	lous	100.0	100.0
is F	4 - 1		77.7	97.7	71.7	29.7	36.0	99.0	97.7				100.7			160.0	100.0
					•												
üί	5	:• ^	• 7 • 7	97.7	77.7	29.7	79.5	49.5	99.7			157.7	100.0		173.0	133.0	100.0
71.	9.00 [1.9	77.7	97.7	97 . 7	94.7	45.7	40.5	99.1			107.7			100.0	100.0	100.0
GE	70-1	:•7	97.7	91.7	∀7 • 7	98.7	99.0	93.	99.7			1 ~		100.0	170.0	100.0	100.0
υE	2001	1+2	97.7	97.7	27 • 7	99.7	95.0	99.0	27.7		100•C		173.0	133.3	1,20.0	130.0	190.6
üΕ	1 15.4	1.7	97.7	97.1	97.1	51.7	95.5	A3.0	00.7	₹9.7	173.0	1	100.	100.0	100.J	100.0	100.0
ыf	- 1	1.0	= 7.1	+7.7	77.1	98.7	99.0	99.3	99.7	16. 2	100 (170.0	100.0	100.0	1.10.0	100.0
											-	-					
										• • • • • • • • • • • • • • • • • • • •	• • • • • •				• • • • • • •	• • • • • • •	

TOTAL NUMBER OF OBSERVATIONS: 298

GLOBAL CLIMATOLOGY PRANCH USAFLIAC AIR WEATHER SERVICE/NAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIFILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:					***					407, 11	: A111	87 : 09C 29UO-1	asu.	1800-20	00
CETEING	• • • • •	• • • • • •	• • • • • • •	• • • • • •		v 1<1	FILITY	IN STATE	JTF MIL	ες. Ες	• • • • • • •		• • • • • • •	• • • • • • •	
14 GL FFET 17	if. ∈	51 !	1,E 4		6F 2 1/2	G E 2	3E 1 1/ 2	G£ 1 1/4	6E 1	r E 7/4	of 578	5£ 1/ 2	۶۵ ۱۱۰،	G£ 1/4	GF G
40 CEIL)	4 7, 5	47.5	44.7	42.5	45.5	40.5	47• B	44.8	49.6	47.4	49.8	49.9	49.8	49.8	* 0 . 2
6E - 75331	2.4	5 1,4	53.4	53.0	53.6	53.8	54.1	54.1	54.1	, 6 . 1	44.1	54 - 1	54.1	54.1	94.4
UE 151 u 11	4.3.4	5 4.4	53.4	53.º	53.8	53.8	54.1	54.1	54.1	54 - 1	54.1	54.1	54.1	54.1	54.4
or iscoul	5 5.4	5 7 . 4	53.4	53.8	53.6	57,8	54.1	54.1	£4.1	50.1	54.1	54.1	r 4 • 1	54.1	54.4
6E 147 (1)	F 3.4	47.4	53.4	53.5	17.8	53.8	54.1	54.1	54.1	54.1	54.1	54.1	· 4 . 1	54.1	54.4
SE 48mbil	5 1.4	5.3.4	53.4	53.4	53.8	53.9	54.1	54.1	C4 • 1	50.1	54.1	54.1	c 4 • 1	54.1	54.4
5F 107 J. (71.1	71.2	71.1	11.5	11.5	71.5	71.6	71.9	71.6	11.3	71.~	71.9	1.6	71.8	72.1
นัย จักนับไ	71.1	71.1	71.1	71.5	71.5	71.5	71.9	71.8	71.6	71.0	71.5	71.9	71.0	71.8	72.1
GE 81 JOI	7 1 1	71.	71 • 4	71.5	71.5	71.5	71.5	71.8	71.5	7:.0	71.8	71.8	71.8	71.4	72.1
6E 7:501	7 1 . 1	71.1	71.1	71.5	71.5	71.5	71.8	71.7	71.0	71.4	71.4	71.8	71.8	71.8	72.1
6€ 6° 11	13.5	72.5	72.5	72.8	72.6	72.8	73.1	73.1	73.1	11	7 ! • 1	73.1	73.4	73.1	73.4
⊌E 5: 55 }	770.	77.0	77.	77.4	77.4	77.4	77.7	77.7	77.7	77.1	17.7	77.7	77.7	77.7	78.U
65 45 51	79.0	70.0	78.0	74.4	76.4	78.4	73.7	18.1	78.7	75.7	70.7	79.7	78.7	7 - 7	79.0
65 47 JOT	9 3.	93.	48.2	88.5	88.9	89.9	87.2	89.2	89.2	54	87.7	99.2	99.2	89.2	99.5
6E 35.71	39.0	83.	89.2	89.5	85.8	89.0	90.2	90.2	20.2		40.	*7.3	95.3	90.2	90.5
50 22 334	6 200	73.5	વડા∗ક	91.1	71.5	91.5	91.0	91.3	61.6	11.4	31.5	91.8	91.6	91.8	92+1
61 25 10	7 2. 4	4 ° 4	93.4	43.9	24.1	94.1	94.4	y4.4	04.4		34.4	94.4	94.4	94.4	94.4
65	- 4	9 4 .:	94.4	25.1	75.4	95.4	95.7	95.7	25.7	95.7	25.7	95.7	95.7	95.7	96.1
5E 18 3.1	74	25.4	95.4	95.7	96.1	96.1	96.4	96.4	c6.4	91.4	76.4	76.4	96.4	46.4	96.7
GC 18.771	91.4	25.4	95.4	45.7	76.1	76.1	96.4	95.4	96.4		95.4	16.4	96.4	56.4	96.7
0E 12.551	44.4	25.4	75.4	95.7	9€.1	96 .1	96.4	46.4	26.4	y6.4	96.4	96.4	≎6.4	95.4	96.7
SE 17171	70.4	\$ 6 .4	46.4	46.7	27.7	97.7	98.	95.0	98.1	46.	7 A . C	98.7	23.3	4ª.C	96.4
55 5.11	96.7	74.7	95.7	97.0	76.0	28.0	98.4	98.4	29.4	36.4	93.4	29.4	23.4	98.4	98.7
96	11.1	77.	27.	97.4	95.4	98.4	98.7	99.7	94.7	45 7	34.7	98.7	c8.7	48.7	99.6
i	27.	97.	97.	07.7	99.0	99.5	99.3	99.7	99.7	95.7	9 1 . 7	99.7	24.7	59.7	150.0
dE €UNE	" 7. i	7 .€	27.0	>7.7	30.0	99.0	97.5	49.7	09.7	95.7	99.7	99.7	33.1	99.7	100.0
υξ τ _ω :1	". 1. f	2.1		e • •					60.7	99.7	27.7	0.3.7	00.7	99.7	100 0
06 (2.1 6E (4.23)	5.7.	91.:	97., 37.,	97.7	99.6 99.0	99.C 90.C	79.3	99.7	99.7	95.7	33.7	99.7 99.7	99.7	99.7	100.0 100.0
6c 7.3.1	7.	₹7.	97.	97.7	90.5	97.0	79.3	99.7	29.7	97.1	94.7	99.7	99.7	79.7	100.0
lifU_l	5.7	97.	97 . u	97.7	99.0	99.0	99.3	99.7	29.7	99.7	99.7	99.7	C9.7	99.7	100.0
6E 111	-7.	77.0	97.3	97.7	66.0	99.0	99.3	99.7	29.7	40.7	43.7	99.7	99.7	99.7	100.0
υ ε :1	27.	÷7	97	97.7	29.6	99.0	99. J	÷0.1	c9.7	40.7	29.7	99.7	99.7		170.0

TOTAL NUMBER OF OUSERVATIONS: 355

ULOHAL CEIMATCLOGY PRANCH LSAFETAC AIR HEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VEHAUS VISIBILITY FROM FOLELY CUSERVATIONS

		-			CK NAME:							475.TH	ζΓ ″Έ ζ : ἔ∪'	HOURS	(ESTI:		
CEILING			• • • • • •	• • • • • • •				v 15 i	EILITY	IN STATE	Tr Mil		• • • • • • •	• • • • • • •		• • • • • • •	•••••
IN FEET	1	1.5	uf :	154	GF 4		GF 2 1/2	GE	GE 1 1/2	ι.E	GF 1	٠,١،	5/5	3E 1/2	υ£ •/16	GE 1/4	GE U
HO CEIL	. 1	• 3	54.€	24.	54.0	£ 0 • 1)	r, 4 • 6	54.6	55 • U	55 × I	15.3	55.3	55.3	55.₹	55.3	55.3	55.3
LE 2010	.:1	. 3	5.5	56.	56.0	55.0	56.6	56 .6	57.3	57.3	c 7 . 3		67.3	57.3	57.3	57.3	57.3
GE left	.11	• 3	56.	56.2	56	56.0	56.6	56.6	57.0	57.3	57.7	5,7 . 5	57.3	57.3	57.3	57.3	5 7 • 3
OE 16-1		• 3	56.6	56.0	56.3	56.0	56.6	55.6	57.3	57.3	57.3		57.3	57.7	r 7.3	57.3	57.3
GE 14 7			56.	56.	56.0	56.2	56.6	56 • 6	57.0	57.5	57.3		r 7 . 3	57.3	c. 7 . 3	57.3	57.3
DE 127 a		• •	56.1	56.	16 . J	56.0	56.6	56 • 6	57• ü	57.3	47.3	· · · ·	67.3	57.3	e 7 + 3	57.3	57.3
5E 1.00	0.1	. 3	74.8	74.3	74.5	75.2	16.2	76.2	76.5	76.5	76.5	71.0	76.0	76.9	76 • 8	76.8	76.8
(E) E		. 3	74.5	74.3	74.3	75.2	76.2	76.2	76.5	76.3	75.6	7.4	16.8	76.5	76.8	76 • R	76.5
6E 813		, ,	74.	19.5	74 . 8	75.3	76.2	16.2	76.5	76.9	76.8	14		75.0	*6.8	76 . F	76.6
5E 1		. 2	74.0	74 .=	74.5	75.2	76.2	76.02	76.5	76. "	76 . 8	15.0	71	76.9	76.8	76.0	76.5
ហ្គី ៩០៤		• 3	*6	75.2	75.2	76.5	77.5	77.5	77.8	78.1	73.1	75.1	7 % . 1	79.1	7 5 • 1	78 • 1	78.1
1.E 51 U	- 1	• 3	51	a 7 • 1	90.1	87.5	81.5	51.5	81.6	32.1	1.50	67.1	* 2 - 1	92.1	92.1	٤2.1	E 2 • 1
1.8 41.			3 1	-1.1	81.1	81.5	h i . 5	82.5	P 2 • 5	83.1	P3.1	1	a 7 . 1	53.1	03.1	83.1	2 3 . 1
SE 4 :		. 3	27.4	17.4	17.4	97.7	R 5 • 7	88.7	39.1	89.4	09.4	40.4	9.4	99.4	67.4	89.4	P 9 . 4
GE .		. 3	2 - 4	11.4	06.4	99.7	99.7	89.7	90.1	93.4	90.4		73.4	90.4	95.4	90.4	90.4
ut in	i i	• 3	93.7	17.7	89.7	93.1	91.1	91.1	71.4	92.1	2.1	97.1	92.1	92.1	22.1	+2.1	92.1
of 25 ;	:01		: 1. /	?1.7	21.7	92.1	93.4	93.4	93.7	34.4	24.4	-4.4	14.4	34.4	24.4	14.4	54.4
- 68 💸		. 7	42.7	* · . 7	900.7	97.0	94.4	94.4	94.7	95.4	95.4		95.4	35.4	75.4	4 E . 4	95.4
11E 15	3.1	• 3	92.7	1.7	72.7	93.	C 4 . 4	94.4	94.7	95.4	95.4	40.00	95.4	35.4	o 5 • 4	95.4	95.4
iii Iri	i i	• 3	23.7	73.7	24.7	94.	95.4	25.4	25. 1	76.4	76.4	64.4	46.4	45.4	56.4	56.4	96.4
GE 11.	-1	• 3	54.4	91.4	14.4	94.7	96.4	96.4	96.7	37.4	27.4	17.4	47.4	37.4	97.4	97.4	97.4
LE 11 U	1	. 1	24.7	94.7	24.7	95.4	.7.4	97.4	97.7	98.3	98.3	:0.7	SA. 7	78.7	SH . 7	99.7	98.7
CE 9	+1	. ,	54.7	74.7	74 . /	95.7	97.7	97.7	99.0	98.7	26.7	40.7	77.	99.5	29	99.0	99.0
	.:i	. 3	50.7	14 7	54 . 7	95	78	98.0	98.3	79.3	29		39.3	97.3	07.3	49.3	99.3
i.€ 7.	. 11	. 3	14.7	14.1	94.7	66.	96.0	98.3	98.3	95.0	24.7		99.3	.7.3	99.3	99.3	49.3
GE 6.	i	• 1	34.7	+4.7	94.7	90.6	98.6	98.€	98.3	99.5	٤٠٠)	,:	99.3	99.3	69.3	97.3	99.3
		• 3	54.7	¥4.7	94.7	96.0	٥٤.	98.^	98.3	99.0	99.0	50.·	94.3	99.3	99.3	99.3	99.3
	, " E	. 7	24.7	94.7	94.7	96.	98.5	98.3	98.3	49.2	29.7	97.7	130.0	100.0	170.5	1:0.0	100.0
		دُ ہ	. 4 . 7	94.7	94.7	56 . L	9 P + O	98 . 7	98.3	30. :	-9.7	, ? . ⁷	100.0	100.0	170.0	100.0	100.0
	· ~	. 7	-4.7	14.7	24 . 7	56.0	35.0	98.0	90.3	99.3	99.7	,	1 7.6	139.9	1~7.3	100.0	100.0
ն է ;,	I	٠,	-4.7	11.1	74 . 7	36.0	9 n • 5	98.€	98.3	59. !	39.7	92.7	100.6	‡5n•a	1~J.C	107.0	100.0
i.E	. 1		34.7	÷4 • 7	94.7	96.0	90.5	99.0	78.3	99.3	99.7		100.6			130.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 107

PIR *! VINE SEBAICENA.C DRAFFING PEUMAL CFIMATOFORA LE WICH

PERCENTAGE FREQUENCY OF OCCURPENCE OF CHILING VEHRUS VIHILITY FROM FOURLY $C_{B,S,L}$ PVAITONS

STATION NUMBER: 27585 " STATION NAME: KAZAN USSR

31A	FION NU	ibrf E:	27585	J * 41 1	CS NAME	: KAZA	t ussa					FERING OF ECURO: 78-67 WELTH: AUF HOURS(LST): ALL						
(5 1)	. 1'. U		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	717	PILITY		1		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	*	
0,11		1.2	Uį	6-F	ьF	6.6	Ŀξ		Gr.	GE	GE	, r.,	1	G.€	6 F	G.E	e F	
	T i		υ.						1 1/2		1		15	1/2	¢/16	1/4	GF O	
												, .	. , , -					
			• • • • • • •					• • • • • • •	•••••		• • • • • •	• • • • • • •	• • • • • •				*********	
t+0 (ELIL I	• .'	47.	90.1	49 . :	49.4	50.8	5↑.8	51.0	51.6	1.6	51.7	51.1	51.7	* 1.d	51.4	52.1	
GE.	23.207F	. ~	51.2	9:40	51.4	51.7	53.2	57.2	53.4	54.0	F4.7	9.1	54.1	54.1	r 4 . 2	54.3	54.5	
	1800		5.1.1	5.1.4	61.4	51.7	53.2	53.2	53.4	54	74.3	5.4	54.1	54.1	54.2	54.2	54.5	
1.E	16 " 41	•	5.1.3	51.1	5.1 . 4	51.7	53.2	53.2	53.4	54.	64.0	94.1	64.1	54.1	54.2	54.3	54.5	
ort :	147 74	•	1.5	7 1 • 4	54	51.7	53.2	53.2	53.4	54.0	64.0	54.1	5.4 . 1	54.1	c 4 . 2	54.3	54.5	
of I	F21 ac∤	• .?	5.4+2	51.4	51.4	51.7	53.2	53.2	53.4	54 . C	*4.C	94.1	54.1	54.1	54.2	54.3	54.5	
	Latine F	• 2	6 7.4	57.5	67.0	E C . 1	7 🗇 4	77.5	7.3.8	71.5	71.5	71.0	1.6	71.6	71.8	71 ⋅ ਜ	72.1	
U.S.	91,1	• 2	67.4	57.5	61.5	6° • 1	74	77.5	7-).8	71.5	71.5	71.0	71.5	71.4	71.9	71.8	72.1	
	ə 57 f	• 2	67.4	57.5	67.3	68.1	7 C . 4	70.5	70. B	71.5	71.5	71.5	71.6	71.5	71.3	71,8	72.1	
∴.[7 .01	• 3	57.5	57.5	22	68.1	7 L • 4	70.5	70.5	71.5	71.6	71.6	71.0	71.6	71.3	71.9	72.1	
υĹ	6. ~~{	• 2	6 4.	$\mathbf{s}^{n} \cdot \mathbf{I}$	64 • i	68.7	70.9	71 - 1	71.4	72.1	12 - 1	12.7	77.3	72.3	72.4	72.5	72.8	
äΕ	50.01	• 2	71.7	11.3	71.3	72.4	74.7	74.9	75.3	16.0	75.5	76.1	76.2	76.2	76.3	76.4	76.7	
1,0	ų (_ ~ j	. 2	72.3	12.4	72.4	13.3	75.4	75.6	75.9	75.6	76.7	75.4	76.3	75.9	77.0	77.1	7.4	
GE	4 1 1	• 5	79.1	7.9	79.2	79.8	02.3	82.5	82.9	83.8	33.5	-4.	94	84.7	P4.2	64.2	84.5	
(, [35 . 1	. 2	7700	11.5	79	67.5	43.0	84.2	83.6	84.5	24.6	- u . 7	24.7	84.7	64.9	64.9	85.2	
1,1	70.31	• 2	4 1.4	H : .4	21.4	62.1	34.7	84.9	85.3	55.2	96.3	4 . 14	44.4	86.4	86.6	66.6	96.9	
_												-						
1.5	[• ?	23.5	4.5 +6	43.6	54.2	۰7. ن	87.1	87. c	8 p • 5	26.6	45.7	2 3	88.8	9.9	80.0	85.2	
υĹ	1	• .?	20.€	* 5 • 7	95.7	56.4	39.2	87.3	99.8	90 • 7	90•6	*1 • ~	31.0	91.0	91.2	91.7	91.5	
ωÉ	1 F 1	• 2	86.2	36.5	46.3	7 T.C	89.0	99.0	90∙5	71.4	91.5	~ 1 . ?	91.7	91.7	21.9	41.9	92.2	
-1.	11 201	• 2	17.5	37.5	47.5	P3.3	91	91 • ?	91.0	92.7	77.6	· 7 • 1	23.0	93.0	23.2	93.2	93.5	
. !	1 0 1	• 7	4.9.4	B d * L	89.5	97.4	95.5	93.6	44.2	15.2	95.7	91.4	45.5	95.5	25.7	45.7	9 b • U	
0.5	1101	. ,		27.0	1.1.2	91.3	24.6	74.7	95.3	96 . 3	96.4	44.7	25.7	96.9	46.9	97.0	97.3	
1,5	9.11	. 3	2 .	20.3	70.3	91.4	94.7	94.9	95.5	76 • 5	96.6	,,,,		96.9	97.1	47.1	97.4	
	- 1	. 7	9 J. S	10.5	96.5	91.7	95.2	95.4	95.9	97.C	27.1	57.7	97.4	97.4	7.6	97.6	98.0	
υĘ	7.71	. 7	7.47		20.03	91.4	95.6	95.7	46.3	97.5	97.6	4 7 7	97.b	97.9	99.0	98.1	98.4	
1. E	· i	. 3	91.	91.1	51.1	92.3	95.9	96 • 1	96.6	10.1	76.7		28.5	98.5	70.7	98.7	99.0	
													• •			,	,,,,,	
(F)	r .	• *	2 📜 .	≠1	91.1	92.3	16.J	96.1	96.4	95.2	7P.3	90.0	64.0	93.7	6.69	90.9	79.2	
1.E	4 .1	• ₹	- 1 -	91.4€	51.2	92.4	96.4	96.3	¥7•1	90.5	28 • 7	35.3	99.0	99.ე	99.2	50.3	99.6	
- +	7:371	• ;	11.	91.2	91.2	92.4	್ € • 1	96.3	97.1	90.1	98.8	40.1	79.1	99.2	09.3	99.4	99.8	
r [, -: }	• 7	5.100	91.1	91.2	92.4	46.1	96.3	97.1	48.7	38.8	50.3	:9.1	99.2	99.4	49.5	99.9	
UF	1 11	. 3	5 100	11.2	71.2	97.4	96.1	96.3	97.1	98.7	6.3.6	40,	02.1	99.2	99.4	99.5	100.0	
6.5	i	٠,	11.5	+1.4	91.2	92.4	96.1	96.3	97.1	98.7	98 • F	77,	39.1	99.2	09.4	60.E	100.0	
																	-	
								• • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •			• • • • • •		

TOTAL MUMBER OF OBJECONATIONS: 2400

CLOSAL CLIMATHLOGY REAGE USAFETAC AIR =_ATHES SERVICE/FAC

PERCENTAGE EREQUENCY OF OCCURRENCE OF CFILING VEHSUS VICIBILITY FROM HOUSEY OBSERVATIONS

PIA MCMING. SCHARGEL ..

STATION GUMULT: 275%% STATION NAME: KAZAN USSR PLFIOD OF MECOND: 78-67
MONTH: 550 HOURSELSTE COOP-02CD

												MIN IN			te dir.		
CETLING VISIPILITY IN STATUTE MILES																	
			_								£ .						
1.		U.F.	√.°	a F	Ú.F	SE	GF	G E	65 1 1/3	Gč	G E	6t. *74	5+	GE	6€ 5/16	GE 174	GE D
FE		٠,	(5	4		2 1/2				1		5/E	1/2			
• • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • •	•••••			• • • • • • • •		• • • • • •		• • • • • •		• • • • • • •	
		,			70 7				41.5	42.3	42.6	42.6	42.6	42.6	42.6	42.6	43.3
AC. C	CLILI	• 7	5.7	33.5	38.7	39.4	41.2	41.5	41.5	46.5	42.0	4 "	42.0	42.6	40	40	43.3
	2774.1	7	. 9.4	30.4	39.4	40.1	41.9	42.3	42.3	43.0	43.3	47.3	43.3	43.3	43.3	42.3	44.0
		. 7			37.4	_			42.3	43.0	43.3	1 2 2	43.3	43.3	43.3	41.3	44.0
	£87° ∪0 ∦	• 7	7 7 4	33.4		47.1	41.9	42.3		43.0	43.3	47.3	43.3	43.3	43.3	43.3	44.0
		• ?	39.4	30.4	79.4	40.1	41.9	42.3	42.3	43.0			43.3	43.3	43.5		
	14005	• 7	3 5 . 4	3 7 4	?9 • 4	40.1	41.9	42.3	42.3		43.3	47.3				45.3	4 3
u₹.	101 (31)	. 7	39.4	37.4	29.4	47.1	41.9	40.3	42.3	4 / • 7	43.3	47.3	43.3	43.3	43.3	43.3	44.0
		_								5				1			(4.8
	1.7021	• 7	SH• "	59.1	58.3	50.9	5.3	62.7	63.J		64.	60.1	54 • 1	64.1	64.1	54.1	
0 E	97.00	• 7	5 ०• ०	5	58 ⋅ 8	59.9	62.3	62.7	63.0	6	64.1	64.1	6.4 - 1	64.1	64.1	64.1	64.8
. E.	6100	• 7	50.8	53.3	50.5	59.9	62.3	62.7	63. L	63.1	64.1	64.1	54.1	64.1	54.1	64.1	64.8
ı. E	71 231	• 7	200	59.2	໌າ•ວ	59.9	6.3	62.7	63.0	L 3 • 7	64.1	.4.1	64.1	64.1	44.1	64.1	64.8
ωž	57 J.T	. 7	5 3.5	57.5	59.5	67.5	63.3	67.4	63.7	64 • 4	64.8	υ ι α	64 · F	64 • 8	€4.8	64.P	65.5
€ F,	5" 44 1	• 7	42.3	5 2 • 7	62.3	63.4	65.8	66.2	61.3	6 A .]	F8.3	66.3	58.3	68 • 3	18.3	€ 2 • 3	69.C
GE	45.7.4	. 7	6 3 . 7	53.7	63.7	64.8	67.3	67.6	69. L	67.7	7.1.1	77.1	7 3 - 1	70.1	75+1	70.1	7 C • 8
۶Ē	41.00	. 7	€ 7.5	3.7 •E	67.5	69.7	71.5	71.8	73.2	73.7	74.3	74.3	74.2	74 • 3	74.3	74.3	75.U
61	37 001	. 7	€, 🕶 4	53.4	69.4	77.8	73.6	73.9	75.4	76 • 1	75.4	76.4	76.4	76.4	76.4	76 • 4	77.1
1 .	3 401	• 7	73.4	7	73.4	12.2	75.3	75.4	76.4	17.5	77 . 8	17.3	77.5	77.8	77.8	77.8	78.5
														_			
of.	21 . 1	. 7	7	7.7.5	72.9	74.6	77.0	78.2	79.6	60.3	83.6	67.0	0.4	a D • 6	P C . 6	5°€	5 1 · 3
SE	- C	. 7	75.	75	75 · J	76.8	8.5 .6	81.7	82.4	63.5	P 3 . F	4 7 . 13	43.2	93.R	° 3 • 8	53.B	84.5
ot	10 .1	• 7	t.	10.1	75 • 1	77.8	81.7	95.0	83.5	84.5	P4.5	24.3	44.9	34.9	04.9	84.9	85.6
5.1	15 001	• 7	7 m	7 = +2	78.2	17.9	83.6	84.2	95.6	86.6	87.5	57.0	27.0	87.3	£7.3	87.3	87.7
u!	17001	• '	7 • • 3	77.,	79.9	+1.7	E 5 • 6	85.9	87.7	68 · 7	P9.1	v = 1	F 9 - 1	59.1	F9.1	4 • 1 •	P 5 . 8
- e ⁻⁵ ,	1 4	. 7	* 1.	= 1 • .	91.5	H ₹ • 1	P 7 . 3	a7 • 7	89.4	90.5	90.h	30.0	ة • بان ي	9 J • 6	33.8	÷ำ∙ฅ	91.5
υE	9 1	. 7	· 2•	* * •	32	93.8	98.3	99.4	93.1	91.2	c1 • ¿	91.5	91.5	91.5	31.2	91.5	92.3
7E	- t. i	1.:	:2.7	92.7	A2.7	r.4 • 5	38.7	87.4	91.2	97.3	23.7	97.7	73.7	93.7	93.7	93.7	94.4
G.F	7 7	i • 1	2.7	9.7 • 7	42.7	A4.5	89.1	89.8	91.5	93.7	94."	94.1	94.0	94.3	24.0	94.0	94.7
1.3	1.1	1.1	3 t.	43.1	43.3	45.6	90.5	91.2	93. ,	95.8	96 • 1	·* • 1	56.1	96 • 1	ე6.1	96.1	96.8
4 E		: • 1	9.30.0	- 3	93.8	£ 4, . 6	16.5	91.0	93. U	95.5	೧6 • 5	46.5	96.5	96.5	96.5	96.5	97.2
GE	fi 🛴 🔝	1 • 1		9	83.4	85.5	96.5	91.2	73. u	96 • ⁰	37.5	7.5	97.5	97.5	97.5	57.5	98.2
1 5	1. 1	· · ·	2.0		e3.4	F5.7	9 . • 8	91 • 5	93.3	97.2	97.7	97.3	37.4	97.9	97.9	97.9	98.9
L.F	· . 1	1 • 1	13.0	, 3	43.0	45.9	9 (• 8	91.5	93.3	97.5	09.2	* F . 2	98.2	98.2	58.6	78.6	130.0
. !_	1 1	1 . 1	23.6	200	£ 3 . s.	07.7	₹(*8	91.5	23.3	97.5	90.0	55.2	29.5	98.3	98.6	98.6	100.D
																	•
4,4	1	1.1	1.10	43.1	23.5	n 5 7	11.0	91.5	93.3	97. °	99.1	70.0	>8 . ∠	98.7	98.6	98.6	100.0

TOTAL MERER OF OPSERVATIONS: 2.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VICIBILITY FROM HOURLY $c_{\mu}s_{\xi}$ RVAITONS

AIR WEATHER SERVICE/MAC

PECITO OF HECOPO: 78-87 MONTH: SEF FOURS(LS STATION NUMBER: 27595 " STATION NAME: KAZAN USSR FOURS(LST): 6305-0500 VISIBILITY IN STATUTE MILES CEILING GE GE GE 4 3 2 1/2 IN 1 GE FELT 1 15 GE GE GE 2 1 1/2 1 1/4 6E 51 51 ύΕ ≤716 GE 174 GE O 1/2 5/5 37.5 NO CETE 1 35.3 35.3 35 . 3 41.2 41.2 41.2 41.5 41.9 42.7 42... 42.6 43.3 43.6 43.9 42.7 42.3 42.3 66 250 UST 37.7 41.9 41. 9 43.3 45.9 44.3 44.6 GE 197001 GE 167001 GE 147001 42.9 . 7 37.7 41.9 42.2 42.6 43.9 44.3 36.0 34.0 30 • 3 41.9 41.9 43.3 44.6 41.7 ;5. C 3 · · . 3 · · · 41.9 44.6 70 a j 36.J 41.9 41.9 42.2 41.9 42.6 42.4 44.7 GE 12-061 360, 35. 41. 4 42.6 42.4 54.3 54.3 61.9 63.0 67.3 62.3 of import 54.3 56.4 61.6 62.6 64.7 65.1 . 7 51.6 63.7 £4.4 57.3 67.3 9 LI(8m Ja) 7m pj[. 7 54.3 54.3 54 . 3 54 . 3 56.4 61.6 61.6 02.6 63.0 63.3 63.7 64.7 65.1 54+3 54+3 CF 56.4 56.4 61.6 61.6 61.9 52.6 63.1 64.4 64.7 53.7 64.3 GF. 54.3 63.3 65.4 c 5. 7 55.7 63.3 63.3 64.4 65.4 66.1 66.4 66.6 65.4 63.7 63.7 t.E 51304 . 7 5 5 • 7 5 7 • 6 55.1 55 . 7 59.1 64.3 64.7 65.1 65.4 65.7 66.4 66.8 67.1 67.5 10.7 70.7 70.7 67.5 72.2 73.2 45 001 45 001 35 001 57.3 57.2 57.2 67.8 GE GE . 7 57.d 63.2 62.4 62.6 55.7 56.5 65.7 68.5 68.5 73.2 66. ì 66.9 67.1 69.5 71.3 65.9 71.6 69.2 6 % 2 69.6 69.9 70.6 73.6 68.9 72.0 GE GE . 7 €3.2 55.5 71.3 71.6 12.0 51.5 43.3 73.4 74.7 75.1 25.54 5 5 . 3 63.3 66.1 18101 18101 18101 7° •8 76 •5 78 •2 77.5 78.2 53.7 5 5 4 6 7 • 1 55.4 67.1 69.2 76.8 77.5 (LE 77.9 79.7 78.0 79.5 79.2 79.6 79.9 79.9 76.5 79.2 71.0 79.5 79.2 υE 78.5 00.3 81,06 . 7 63.5 53.5 71.6 79.0 82.7 96.6 υE 71.3 71.5 71 . 3 80.6 63.0 85.5 7 JOI 7 JOI 7 JOI 7 JOI 73.7 73.7 83.4 84.1 84.4 85.1 85.5 66.5 97.5 87.9 P8.2 υE 73.7 76.5 8 7.4 35.1 P6 . 3 P6.5 86.9 87.5 50.2 50.9 94.1 95.6 67.7 89.3 74.4 77.2 P7.2 81.5 28.6 9.99 74.4 74 . 4 86.9 87.5 87.9 65 65 . 7 74.7 74 • 7 75 • 4 94.4 96.2 95.4 27.9 88.5 89.3 95.0 89.6 90.3 74 . 7 77.5 89.5 90.0 79.2 75 . 4 .7 90.7 99.5 92.4 r mil auni 93.4 93.8 94.5 74.8 76.5 76.5 38.6 90.3 91.7 94.1 95.5 95.8 38.6 88.5 93.3 92.4 93.4 94.6 94.1 . 7 76.5 15.5 75.5 63.3 94.5 95.2 95.5 95.8 95.8 95.7 96.2 3.4 . 7 80.6 96.9 97.2 97.6 97.6 7649 76.5 76 • 3 96.5 υĹ 9.3.6 63.9 93.4 95.2 , E . 4 98.3 أن:: 76.5 90.6 93.7 98.9 - 1 97.9 100.0 7660 97.2 70.5 76 . 5 81.6 88.9 73.7 93.4 95.2 95.3 96.2 38.9

TOTAL NUMBER OF OBSERVATIONS: 259

GLOPAL CLIMATOLOGY HPANCH USAFLTAC AIR WEATHER SERVICE/PAC

PUNCENTAGE FREQUENCY OF OCCURPTINCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 275957 STATION NAME: KAZAN USSR

PERIOD OF RECORD: 78-67 406 FF : SEF HOURS (LST): 0607-08GC WISIBILITY IN STATUTE MILES CE 11 11.6 GE GE GE 4 3 2 1/2 /t ... GE € € 1 ₹/4 IN | FEET | GE GE GE 2 1 1/4 SF u 5E. G_E 1/2 5/8 1/4 5/16 ٥ NO CETE I . 3 32.0 26 .C *3.2 30.2 30.9 33.9 31.9 23.0 22.0 26.6 27.3 24.7 27.4 31.6 32.3 32.3 33.3 24. 24.0 27.4 28.8 29.9 31.t 24. 6E 160001 6E 160001 30.9 30.9 24.) 29.9 12.3 . 4. : 24.0 24.7 27.4 27.4 28.8 11.6 31.6 32.3 33.3 24. 24.1 24.0 24.0 24.7 27.4 27.4 28.8 28.8 79.9 79.9 31.6 32.3 32.3 33.3 29.9 31.6 29.9 31.6 29.9 120001 28.8 79.9 35.3 31.6 31.6 32.3 32.3 33.3 160001 90001 80001 7001 57.3 57.3 57.3 57.3 4 1. 3 41.7 41.7 43.1 50.3 50.3 55.2 c5.6 59.0 58.0 58.7 60.1 GE GE 55.6 55.6 • 3 41.3 41.3 50.3 50.3 52.5 52.8 55.2 55.2 58.0 58.0 58.0 59.0 58.7 58.7 41.7 41.7 43.1 50.3 58.7 6D.1 43.1 43.1 43.1 41.7 50.3 56.7 41.7 60.1 50.3 50.3 50.3 50.3 50.0 41.3 41.7 52.8 55.2 5.€ 53.1 58.7 58.7 41.3 41.7 41.7 52.8 55.5 60.1 (,E 55.2 57 CB | 45 . 31 47 . 51 43.3 45.6 53.1 53.1 58.0 E A . 3 44.1 44.1 55.6 64.8 64.9 60.8 61.5 61.5 62.8 45.5 47.2 49.7 53.3 56.9 59.4 59.7 62.5 61.5 62.2 62.8 62.8 64.2 GΕ 45.5 54.5 54.5 4 7. 6 GE 57.3 57.3 50.0 58.7 49.3 61.5 49.3 51.~ 5 . . 7 57. 67.3 67.7 69.1 21 61 2 60 14 31 15 (3) 57.C 65.3 73.1 75.0 52.7 54.2 51.0 53.1 69.4 51.0 61.1 61.1 63.9 66.7 67.4 70.1 71.5 77.4 G€ 56.9 58.3 59.4 64.8 71.5 71.9 74.3 74.3 75.0 66.0 67.4 66.0 55.9 76.4 77.8 55.6 56.6 55.0 67.4 68.4 75.7 75.7 77.1 76.4 77.8 76.4 77.8 υE 70.1 72.9 73.3 56. 75.4 ιE 56 . 7 68.4 71.5 74.3 74 • 7 78 • 1 77.1 12 001 62.5 °1.3 F 2 . 6 87.0 67.7 1.000 74.3 74.3 77.8 80.9 -1.3 83.7 34.0 c4.7 H4.7 86.1 963| 6.01 700| 64.9 65.3 65.3 75.3 75.3 76.7 81.6 82.6 84.5 UF . 3 61.5 61.5 51.8 52.2 61.5 75.0 75.3 78.5 78.8 °1.9 °3.0 34.4 85.4 84.7 95.4 85.4 86.8 87.8 84.7 85.8 66.5 GE 66.6 79.5 ₩. . 3 51.0 52.2 62.2 76.0 P4 . 4 87.2 P7.8 57.8 89.2 61.9 F7.5 5 1. 2 63.5 67.0 77.6 77.8 91.3 93.6 91.3 63.5 91.3 92.7 90.0 97.1 97.8 E (C) 54.9 55.3 79.9 89.6 99.9 72.7 93.1 93.8 73.8 95.1 ijĘ 69.1 80.2 84.4 64.3 # Uni 2001 2001 1001 55.6 69.4 GΕ 65.3 65.6 85.9 90.3 94.1 95.1 95.1 95.8 96.5 8 (• 6 8 (• 9 85.4 91.0 74.4 GE GE . 3 65.0 91.7 94.8 95.1 95.8 65.3 55 . (55.3 96.5 26.5 65.5 81.9 91. 3 95.5 . . j . 3 ijŧ 25.3 55.6 65.0 69.4 S C . 9 81.3 85.4 91. 7 92.4 94.4 35.5 95.8 96.9 96.9 100.0

TOTAL NUMBER OF OPSERVATIONS:

GLOWAL CLIMATOLOGY RESIDEN USAFETAC ATR REATHER STRVICE/M/C

PERCENTAGE ENERGIESCY OF OCCURRENCE OF CEILING VERSUS VICIBILITY FROM HOUPLY OBSERVATIONS

PETIOD OF FECORD: 79-87
MONTH: SEP HOURSILST): 0900-1100 STATION NUMBER: 27595 - STATION NAME: KAZAN USSR

	 LING	••••	• • • • • •	• • • • • • •	· · · · · · ·					IN STATE			• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••
		r.E	GΓ	ōε	GF	GE	CF	GE	65	GE	GE	î f Ł	51	GŁ	GΕ	GE	GE
		10	t	,	4		2 1/2		1 1/2		1	7/4	5/8	1/2	5/16	1/4	ð
															•••••		
NO	CETE 1		13.9	27.5	29.9	31+3	32.6	32.6	33.3	35.3	33.3	37.3	33.5	33.3	* 5 • 5	33.3	5 3 • 3
ı.i.	dununt		25.1	35.1	35 • 1	36.4	37.8	37.9	38.5	36.5	33.5	je . 5	30.5	38.5	75.5	35.5	38.5
SE	187671		15.1	35.1	35 • 1	36.4	37.8	37.8	38.5	38.5	₹A . 5	30.5	39.5	39.5	78.5	38.5	38.5
υE	160 001		7 2 . 1	3 - 1	35 • ∔	36.4	37.8	57.E	38.5	36.5	39.5	30.5	36.5	39.5	18.5	35.5	36 • 5
(,E	141 001		35.1	35.1	35 • 4	36.4	37.0	37 . R	38.5	30.5	75.5	38.5	79.5	38.5	₹8.5	38.5	18.5
ĿĘ	120001		? >= 1	35.1	35 • 1	36.4	37.8	57.8	38∙5	38.5	78.5	38.5	3 A + 5	38.5	18.5	38.5	38.5
GE	100001	. 7	9.7.1	47.€	47.5	49.1	51.5	51.5	52.2	52.6	52.E	57.5	52.6	52.9	52.9	52.9	53.3
GΕ	9:001	• 3	47.1	47.0	47.8	49.1	5 5	51.5	52.2	52.6	52.6	52.6	52.6	52.7	12.7	52.9	52.3
G.E	8 ° 03 i	• 3	47.1	47.5	47.0	49.1	51.5	51.5	52.2	52.6	€2.€	52.6	52.€	52.9	52.9	52.9	53.3
ŰΞ	71 651	• 3	4 7. :	47.2	47.8	49.1	51.5	51.5	52.2	52.6	52.6	50.5	52.6	52.9	52.9	52.9	53.3
6£	6,721	• 3	47.4	48.1	48.1	49.5	51.9	51.9	52.6	52.9	52.9	52.9	52.9	53.3	53.3	53.3	53.6
J₽.	s ⁿ են I	. 7	51.5	52.2	52.4	53.6	57.3	57.0	58.1	56.4	5.8.4	5,6,4	5,9 . 4	59.9	58.8	50.8	59.1
GΕ	4"	. 7	5 2	52.9	52.4	54.3	57.7	57.7	50.0	59.1	59.1	50.1	59.1	59.5	67.5	59.5	5,9.8
ĿΕ	4" [1]	. 7	55.0	55.7	55.7	57.0	60.5	67.5	61.5	61.9	41.9	6:.3	61.5	62.2	62.2	62.2	62.5
ōΕ	35.531	. 7	55.3	56.	56 · J	57.4	6(.8	6p.6	61.9	62.2	62.2	62.2	62.2	62.5	62.5	62.5	62.9
SE	30 ph [. 7	56.7	57.4	57.4	58.5	6 2 . 2	62.2	63.2	63.6	63.6	67.6	63.6	63.9	63.9	63.9	64.3
3.9	2531	1.4	59.0	60.5	60.5	61.9	55.6	65.6	66.7	67.7	67.3	57.0	67.5	67.4	67.4	67.4	67.7
GE	2000	1.4	6.2 - 5	53.	63.2	64.6	5 F . 4	68.4	69.4	69.8	69.8	60.0	69.6	73.1	75.1	75.1	70.4
ĢΕ	15 (2)	1.4	64.6	65.3	65.3	66.7	4	70.4	71.5	71.8	71.8	71.9	71.8	72.2	72.2	72.2	72.5
0.5	1: 001	1.4	61.7	5 3 . 4	69.4	69.3	73.5	73.5	74.5	74.2	74.0	74.2	74.4	75.3	75.3	75.3	75.6
ūΕ	12 00 [1.4	7.1+8	71.5	71.5	73.2	77.3	77.3	78.4	79.7	78.7	. 75.7	78.7	79.0	79.3	79.0	79.4
i GE	1 001	1.4	74.	74.9	74 . 5	76.6	51.8	61.8	82.6	83.2	A3	57.2	н3.€	63.5	03.5	H 3 • 5	83.8
υĒ	3 .71	1.4	75.3	75.9	75.7	77.7	82.8	82.8	84. 4	84.5	94.5	-,4.5	H4.5	94.9	94,9	84.9	85.2
LE	4.001	1.4	76.3	77.	77	79.3	4.2	64.2	95.6	86.3	96.3	86.3	86.3	86.6	P6.6	86.6	86.9
6E	7401	1.4	77.3	79.0	76	€2.4	36.6	86.6	88. 3	JB. 7	88.7	× 0 7	99.7	99.0	P9.D	89.0	89.3
ıΣ	6.001	1 . 4	7 % 4	79.0	79	81.3	3 ℃ • 0	69.E	93.4	91.4	91.4	71.4	91.4	91.9	91.8	91.8	92.1
CE	5 LOT	1.4	19.	79.1	19.7	82.5	4 i . 4	93.4	92.1	93.1	23.1	77.5	93.5	93.8	93.8	93.8	94.2
υE	4 _ 1	1.4	9 7.4	51.1	91.1	04.2	92.1	92.1	93.8	95.5	95.5	91.9	95.9	96.2	96.2	96.2	96.6
UΕ	7501	1.4	A 3. 4	81.1	91.4	84.2	4 . 4	92.8	94.8	96.6	96.9	96	27.€	97.9	97.9	97.9	98.3
υE	2.221	1.4	20.4	B1.1	81.4	84.2	92.4	92.8	94.8	95.6	96.9	97.3	28.3	93.6	98.6	98.6	99.D
υĽ	17.11	1.4	4	81.1	31 • 1	84.2	92.4	92.8	94.6	96.6	96.9	97.3	99.3	98.6	99.0	99.7	100.0
65	.1	1.4	9 J. 4	91.1	81.1	64.2	92.4	92.9	94.3	95.5	95.9	97.9	98.3	98.6	59.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 2+1

GLOSAL CLIMATCLOGY RRANCH ESAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY $\theta_{B} \xi_{R} varions$

AIR WEATHER SERVICE/MAC

 $\hat{\mathcal{L}}$

PUDION OF PECURO: 78-67 STATION NUMBER: 27595 STATION NAME: KAZAN USSR MONTH: SEF HOURS(LST): 1200-1400 VISIBILITY IN STATUTE MILES
GE GF GF GF
Z 1 1/2 1 1/4 1 CEILING GE 1 IN) FEET 1 CE In (E GF 4 5E 6F 3 2 1/2 f33 GE GŁ G{ 5/16 GE O 3/4 1/2 1/4 5/0 26.8 HO CETL 1 26.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 29.6 29.9 29.9 29.9 29.9 29.9 27.9 29,9 29.9 29.9 29.9 29.9 0E 183001 0E 167501 0E 147501 0E 127031 29.9 29.9 . 4 29.6 20.6 29.5 29.6 29.6 29.6 29.9 29.9 29.9 29.4 29.9 29.9 29.9 29.9 29.9 24.9 29.9 29.9 29.9 29.9 29.6 9 4 29.9 . 4 20.6 27.6 20.9 29.9 29.9 29.9 .7.9 29.3 20.0 29.9 . 4 29.6 29.5 21.5 29.6 29.9 29.9 29.9 of langual 45.4 . 7 44.0 44.0 44 . .: 44.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.8 90001 80001 7101 60001 44.3 45.4 45.4 45.4 45.4 45.4 45.4 44.0 44.0 44.4 45.4 45.8 45.8 • 7 45.4 45.4 44.3 44.3 44.J 45.4 45.4 45.4 45.4 GE 44.1 44.4 45.4 45.4 . 7 44.4 45.4 44. 45.4 45.4 GE 45.4 45.1 46.1 46.1 46.1 46.5 47.3 57.4 57.4 50001 45001 40001 49.3 59.4 57.4 .7 47.5 49.3 49.3 50.4 C.E 47.9 47.9 44.2 49.3 49.3 49.3 49.3 49.3 49,3 49.6 48.9 50.4 50.4 50.4 50.4 49.3 50.7 50.4 LE 48.4 50.4 55.6 57.4 57.4 . 7 55.6 55.6 57.4 57.4 57.4 57.4 57.4 57.4 57.4 59.2 62,7 35 001 . 7 57.4 57.4 57.7 59.2 59.2 59.2 59.2 59.2 62.7 59.2 59.2 59.2 59.2 59.5 [37 Gu] 61.3 62.7 62.7 €2.7 62.7 62.7 63.0 6 C+9 62.7 62.7 25:01 71.1 76.1 72.9 79.2 81.7 72.5 12.5 72.5 72.5 72.5 72.5 70.1 76.1 70.4 72.5 72.5 78.9 61.3 85.6 78.9 11 00 l 76 •1 78 •5 76.4 7 9 • 9 8 1 • 3 79.9 78.9 91.3 ι£ 76 . i 78.5 78.9 78.9 78.9 78.9 . 7 78.5 91.3 81.3 91.3 91.3 81.3 70.5 81.3 81.3 υE 3 2 . 7 85.5 PS.6 t. E 56.3 86.3 66 · 3 65.6 9 € •5 90.5 90.5 90.5 99.5 97.5 90.5 90.5 90.8 .7 10001 23.7 ЬE 89.7 98.7 69.1 89.4 93.0 93.0 93.6 93.3 93.0 93. 93.0 03.3 93.0 93.3 93.0 9 (m) 9 (a) 89.1 50.1 90.8 99.3 93.3 93.3 93.3 93.3 93.3 97.7 93.3 93.3 ¢3.3 93.3 93.7 GΕ GF 39.0 97.1 94.4 94,4 94.4 95.1 94.4 94.4 34.4 94.4 90.1 97.5 95.1 95.1 υE . 7 70.1 90.1 95.1 95.1 95.1 95.1 95.1 95.4 75.1 95.1 .7 GΕ 92.3 92.3 92.3 93.3 97.9 98.6 98.6 90.6 98.6 98.6 98.6 98.6 98.9 4 03) 7 05) 92.6 91. 38.6 98.9 99.3 99.3 99.3 99.3 90.3 90.3 99.3 99.3 99.6 υE 93.J 99.3 99.3 99.3 . 7 92.6 93.J 94.0 36.6 94.9 99.3 99.6 99.3 700} 92.6 92.6 99.3 20.3 99.3 65 93.7 93.0 94.1 98.6 98.9 99. 3 00 3 99.3 99.3 00.6 99.3 93. 99.6 99.3 99.6 100.0 93.3 99.3 99.3 94 . C 78.6 98.9 99.3 97. 99.3 99.3 ЬĒ 99.6 100.0

TOTAL NUMBER OF OBSERVATIONS: 244

GLOBAL CLIMATOLOGY FRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREWLENCY OF OCCURPENCE OF CFILING VFRSUS VISIBILITY FROM FOURLY OBSERVATIONS

STATION NUMBER: 275950 STATICH NAME: KAZAN USSR

211	1110 N	NUMBE	R:	275950	STATE	CN NAME:	KAZA	N USSR					LESION	CF CEC	OFD: 78	-87		
													MOLITH	: SEP	HOURS	(LST):	1500017	00
• • •		• • • • •	• • •	• • • • • •		• • • • • • • •	• • • • •	• • • • • • •	• • • • • •		• • • • • • •		• • • • • •					
CE.	11.11.0				6.5				V 15 I	PILITY	IN STATE	UTF PIL	E.S.					
		1 56		GC.		GF	G E	UF.	G E	GE	GF	3.0	9.6	er	GE	٥Ę	GE	6E
	ET		٦,	U	4	4		2 1/2		1 1/2		1	7/4	5 / €	1/2	c/16	1/4	ū
• • •		••••	• • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		
NΩ	CEIL	1 .	. 7	27.6	27.6	27.6	27.6	27.6	3 - 4		27 /	27 /						
.,,		•	•	2710		. , , , ,	2 , 0	21.0	27.6	27.6	27.6	27.6	27.€	27.5	27.6	27.6	٠7.6	27.6
60	zonco	ι.	7	* C. J	3	36 • C	30.J	30.0	30.0	30.0	30 . n	10.0	37.3	33.3	30.0	30.0	30.0	70
	18000		7	34.0	319.0	30.0	30.0	30.0	30.0	37.0	30.0	10.0	30.0	33.3	30.3	70.0	30.0	3Q. D
	16730		7	30.0	30.0	30.0	30 €	34.0	30.0	3 7 - 0	30.0	70.0	3^-	33.3	10.0	70.3	311.0	30.0 30.0
	14100		7	10.0	30.1	35.6	30.0	30.0	30 · C	30.0	30.0	70.0	20.1	30.0	37.0	70.0	30.0	30.0
	12000		7	30.0	30.5	30.0	30.0	16.0	30.0	30.0	30.C	30.5	20.0	30.3	30.0	70.0	30.0	30.0
				•				,	-1: • 3		3. • 0		•	2000	30.5	0.0	20.0	30.0
GΕ	16006	1 1.	0	45.7	45.7	45.7	45.7	46.1	46.1	46.1	46.1	46.1	44.1	4 1	46.1	46.1	46.1	46.1
GE	9700	1 1.	0	45.7	45.7	45.7	45.7	96.1	46.1	46.1	46.1	46.1	44.1	45.1	46.1	46.1	46.1	46.1
Ŀ₹	81 10	1 1.	r.	45.7	45.7	45 • 7	45.7	46.1	46.1	46.1	46.1	46.1	45.1	46.1	46.1	46.1	46.1	46.1
GΕ	7: (3		£	45.7	45.7	45.7	45.7	46.1	46.1	45.1	46.1	46.1	45.1	45.1	46.1	46.1	46.1	46.1
ĿΕ	6 n 3 n	1 1.	û	45.7	45.7	45.7	45.7	46.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
											=	• -						
€.	51.0			5 3 • 2	53.2	53.2	53.2	53.6	53.6	53.6	53.6	53.6	57.6	53.6	53.6	r 3 • 6	53.6	53.6
υE	45.5			54.3	5 4 • 3	54 • 3	54.3	54.9	54.9	54.9	54.9	54.9	54.7	54.9	54.9	54.9	54.9	54.9
υE	40.00			64.5	54.5	64.5	64.5	65.2	65.2	65.2	65 • 2	65.2	6.5	65.2	65.2	65.2	65.2	65.2
υE	35 50			66.2	66.2	56.2	66.2	66.9	66 • 9	66.9	66.4	66.9	66.7	66.3	66.9	66.9	66.9	66.9
υE	30 CC	1 1.	U	71.3	71.3	71.3	71.3	72.0	72.0	72. ü	72 • C	72.C	77.0	72.J	72.0	72.0	72.0	72.0
úΕ	25.65	1 1.	r	85.5	30.5	±3.5	80.5	81.2	81.2									
GΕ	21.00			56.1	50.	86.0	86.3	86.7		81.2	81.2	°1.2	51.2	81.2	81.2	°1.2	£1.2	61.2
υE	15			£ 6.7	56.7	96 • 7	86.7		66.7	96.7	86.7	95.7	84.7	46.7	86.7	P U . 7	86.7	86.7
C.E.	17 40			58.4	30.4	50 + 1 Eb + 4	88.4	97.4 95.1	67.4	87.4	67.4	P7.4	67.4	£7.4	87.4	97.4	67.4	P7.4
L.E	10 40			91.5	91.6	91.5	92.2	93.2	89.1	89.1	89.1	99.1	59.1	39.1	89.1	89.1	89.1	89.1
	*			1.0	91.00	41.5	4	7.3.2	93.2	93.2	93.2	93.2	35.5	33.2	93.2	03.2	93.2	93.2
θE	1" un	1 :	^	74.0	94.5	94.2	94.5	95.6	95.6	95.6	95.9	35.4	34.0	95.9	95.9	75.9	95.9	95.9
GΕ	فياف	1 1.	r	94.0	94.2	94.2	94.5	25.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
üΕ	910	1 :.	c	34.	94.4	94.2	94.5	95.9	95.9	95. 7	96.2	26.2	96.2	95.2	96 • 2	96.2	96.2	96.2
ĞΕ	7 5	1 1.	ŗ	14.5	94.5	54.5	94.9	26.2	96.2	96.2	96.6	76.6	46.6	95.6	96.6	96.6	96.6	96.6
ί£				90,0	95.9	75.7	96.6	96.3	98.3	98.3	99.0	99.0	90.0	99.3	99.0	99.0	99.0	99.0
				•			. •			, 30 3				,,,,	77.	****	77.0	77.0
υE	5.1			95.7	95.9	95.9	36.6	98.6	98.6	93.6	99.5	79.3	99.7	99.3	99.1	99.3	49.3	99.3
ijξ	4 5		· .	95.0	95.9	95.4	56.6	94.6	99.6	98.6	99.3	99.3	99.7	99.3	99.3	29.3	99.3	99.3
υE	きょう	1 1.	r.	75.5	95.0	95.9	96.5	36.6	98.6	99.6	79.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
6 E	105			75.9	45.8	95.9	46.6	26.6	98.6	98.6	99.3	9.7	90.7	99.7	99.7	99.7	99.7	99.7
GΕ	100	1 1.	n	95.4	95.7	15.9	46.6	96.6	98 • 6	98 • 6	90.2	99.7	99.7	99.7	100.0	100.0	100.0	100.6
٥E		1.		95.9	95.1	75. 9	56.0	9.96	98.6	98.6	99.3	99.7	99.7	99.7	100.0	100.0	100.0	160.0
•••	• • • • •	• • • • •	• • • •	• • • • • • •	•••••	• • • • • • •	• • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	

TOTAL NUMBER OF OBSERVATIONS: 273

GLOBAL CEIMATOLOGY PHANCH USAFETAC AIR "FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VINSUS VINIBILITY FROM HOURLY OBSERVATIONS

STA	T10 N NU	MB. R:	27595	1112	ON NAME:	KAZA	N USSR						0F FEC	PD: 78	-67 (LST).	1000 30	
															•		EU
	LING				, , , , , ,			V 1 5 I	BILITY	IN STATU	TF MIL	£.5					
ι	N I	GE	C(GF	6 E	GE	GF	G£	GE	GΕ	GΕ	٠,	64	GE	GE	GŁ	GE
FE	1 13	10	•	43	4		£ :12		1 1/2		1	3/4	5/0	1/2	E/16	1/4	0
• • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		
1.0	CETL		, 2. 1	37.7	32.7	32.7	3 3 • 8	33.8	33. ₺	33.8	33.8	3*.4	33.9	33.8	73.8	33.8	34.2
Gg	251021		3 5 . 2	35.4	35 . 2	35.2	36.7	36 . 7	36.7	36.7	76.7	36.7	36.7	36.7	76.7	36.7	37.0
6,€	180631		35.2	35	35 . 4	35.2	36.7	36.7	36.7	36.7	36.7	35.7	36.7	35 . 7	36.7	36.7	37.0
l, E	16.01		35.2	35.2	35 • 2	35.2	36.7	36 . 7	36.7	36.7	16.7	34.7	36.7	36.7	16.7	36.7	37.0
CE	14 ° CC		3.5 - 2	35.0	ے و در	25.2	36.7	36 • 7	36.1	36.7	36.7	16.7	36.7	36.7	76.7	36.7	37.G
CE	12:301		15.2	35.3	35 • ≥	35 • 2	3 t . 7	36.7	36 • 7	36.7	36 • 7	34.1	36.7	36 • 7	36.7	36.7	37.0
υE	100 401		50.9	511.5	50.9	50.0	52.7	52 • 7	52.7	52.7	52.7	52.7	62.1	52.7	52.7	52.7	53.0
6€	9 1		5.5+4	30.5	50.9	50.9	52.7	52.7	52.1	52.7	52.7	52.7	52.7	52.7	5 ~ . 7	52.7	53.0
υE	6.001		53.9	57.9	ي و ن	50.9	52.7	52.7	52.7	52.7	52.7	57.7	52.7	52.7	52.7	52.7	53.0
G.E.	70001		F 1.2	51.2	51.2	51.2	53.3	53.0	53.J	53.2	53.C	57.7	53.0	53.0	- 3 · J	53.0	53.7
r, E	60,601		5 3.4	53.4	53.4	53.4	55.2	55 +2	55.2	55 · Z	55.2	50.0	55.4	55.2	55.2	55.2	55.9
ьE	51 011	. 4	5 4.4	52.4	56.4	5R+4	6 (* • 1	66.1	60.1	67.1	60.1	67.1	60-1	67.1	60.1	60.1	60.9
LŁ	45 - 21	. 4	5:.5	61.5	61.6	61.6	63.3	63.3	63.3	63.3	63.2	67.3	63.3	63.3	63.3	63.3	64.1
υE	47 331	. 4	67.3	57.3	67.3	67.3	69.4	69.4	69.4	69.4	67.4	69.4	63.4	69.4	69.4	69.4	7 C • 1
ōΕ	35 00 L	. 4	5 9. 0	57.	69 . J	69.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.9
≒E	3C U2	. 4	71.2,	71.2	71.2	71.5	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	75.1
GE	25.01	. 4	7 2+4	75.4	75 • 4	75.8	76.6	78.6	79.5	79.3	79.0	79.7	79.5	79.7	79.0	79.0	79.7
1, [21.001	. 4	77.9	77.9	77.9	79.3	b 1 = 5	51.5	81.9	81.9	A1.9	51.9	91.7	81.9	P1.9	61.9	82.6
υE	18 571	• 4	7 7.4	79.4	79.4	80.1	83.3	63.3	83.0	83.6	83.b	B 7 . 5	93.6	83.6	P 3 . 6	63.6	84.5
٤E	15001	. 4	8.2+2	3 . 5	82 • 2	83.3	87.9	87.9	88.3	89.3	PB . 3	43.3	23.3	98.3	A 6 . 3	68.3	89.0
UΕ	17 40 (. 4	² 5• l	85.1	95 • 1	of • 1	91.1	91.5	91.0	42.2	92.0	47.7	02.2	92.2	65.5	42.2	92.9
GΕ	11 901	. 4	F 6 • 1	35.1	90 - 1	£7.2	92.5	92.9	93.2	43.6	93.6	92.6	23.6	93.6	93.6	93.6	94.3
GE.	9.01	. 4	36.5	30.5	86 . 3	67.9	93.2	93.6	94.0	94.3	94.3	५4 . र	24.3	94.3	94.3	94.3	⋄5. 0
٦٤	8 00	. 4	9 to 10	56 · P	86 . 0	F 7 . 9	3 3 . 2	97.6	94.0	94.7	94.3	44. 3	04.3	94.3	94.3	94.3	95.0
UΕ	7001	. 4	37.2	57.2	87.2	88.3	93.6	94.0	94.3	74.7	24.7	94.7	04.7	94.7	94.7	94.7	95.4
(,E	1	• 4	37.	8 1 • 3	87.2	88.6	94.6	94.3	95.4	96.1	? € • 1	94.4	36.4	95.4	¢6.4	96.4	97.2
i, E	rud.	. 4	8.7.5	37.5	87.5	89.0	94.3	95.0	96.1	97.2	27.0	90.7	98.2	98.2	98.2	94.2	96.9
CE	4]	. 4	A 7.5	37.5	87.5	89.3	C4.7	95.4	96.4	97.5	99.2	· · · · · · · · · · · · · · · · · · ·	og.6	98.6	08.6	98.6	99.3
ĿĒ	2001	. 4	97.9	07.5	87.7	ა9.7	95.4	95.7	46.€	97.9	96.9	99.3	79.3	99.3	20.3	59.3	100.0
υE	263	. 4	07.9	37.5	67 • 9	89.7	95.0	95.7	76.8	97.9	98.9	99.3	99.3	99.3	99.3	99.3	100.0
GE	174	• 4	27.9	37.5	47.7	89.7	93.5	95.7	96.6	97.9	38.0	37.3	79.3	99.3	09.3	99.3	170.0
5E	21	. 4	37.9	97.9	87.9	63.4	95.6	95.7	96.8	97.9	98.9	59.3	99.3	99.3	99.3	49.3	100.0

GLOZAE CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEMMO

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 27595		•			PERIOD OF HEC	POURS(LST):	
		• • • • • • • • • • • • •				• • • • • • • • • • • • • • • •	***************
CETETAR				IN STATUTE MIL			
IN I GE GF	GE GE	GE GE	GE GE	GE GE	9E 6E	GE GE	GE GE
FEET 10 G		3 2 1/2	2 1 1/2		3/4 5/0	1/2 1/16	1/4 0
•••••••••			· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •			
NC CEIL 1.0 37.7	39.7 39.7	47.1 41.4	41,4 41.4	41.8 42.1	42.1 42.1	42.1 42.1	42.1 42.1
ur 201001 1.0 40.4	41.4 40.4	47.6 42.1	42.1 42.1	42.5 42.8	47.8 42.8	42.8 42.8	42.8
- vē ighadī ikm - 40.4	40.4 46.4	40.8 42.1	42.1 42.1	42.5 42.6	42.0 43.5	42.8 42.8	42.8 42.8
66 16:521 1.5 40.4	40.4 45.4	40.8 42.1	42.1 42.1	42.5 42.8	42.8 42.8	42.8 42.8	42.8 42.8
6F 14763 1.5 46.4	i 60°-4 4 <u>0</u> -4	43.4 42.1	42.1 42.1	42.5 42.6	4*.4 42.6	42.8 42.8	42.8 42.8
UE 120001 1.0 40.4	40.4 40.4	40.8 42.1	42.1 42.1	42.5 42.8	47.0 42.8	42.8 42.8	42.8 42.8
GE 10080] 1.6 60.		66 62.7	62.7 62.7	63.2 63.4	67.4 63.4	63.4 63.4	63.4 63.4
UE 9005 1.8 60.3		60.6 62.7	62.7 62.7	63.7 63.4	63.4 53.4	63.4 63.4	63.4 63.4
6E 8001 1.0 52.		60.6 62.7	62.7 62.7	63.0 63.4	67.4 63.4	63.4 63.4	63.4 63.4
GE 7000 1.0 60.3		67.6 62.7	62.7 62.7	63.C 63.4	67,4 63.4	63.4 63.4	63.4 63.4
OE 60001 1.0 61.	51.0 61.0	61.3 63.4	63.4 63.4	63.7 64.0	64.7 +4.5	64.3 64.0	64 • D
6E 57671 1.4 67.5	67.5 67.5	68.2 75.2	70.2 70.2	70.5 70.9	77.9 72.9	73.9 70.9	73.9 70.9
6E 45 01 1.4 67.5		69.2 70.2	70.2 70.2	75.5 70.9	77.7 70.9	73.9 70.9	70.9 70.9
GE 4°CC 1.4 74.3		75.3 77.7	77.7 77.7	76.1 78.4	74.4 78.4	78.4 78.4	75.4 78.4
CE 35 001 1.4 75.1		77.1 79.5	79.5 79.5	79.8 00.1	60.1 RO.1	83.1 90.1	60•1 80••
GE 30631 1.4 77.1		78.4 80.8	3 · C8 9 · UB	81.2 91.5	81.5	81.5 °1.5	81.5 81.5
00 30031 10- 770	. ,,,,	1014 51.10	00.00	0111	W1.5 01.5	34.5	81.3
UE 25021 1.4 3€.;	80.1 80.1	81.5 84.6	84.6 94.6	84.9 85.3	45.3 05.3	85.3 P5.3	85.3 85.3
GE 20001 1.4 81.5	41.5 81.5	62.9 86.3	06.3 86.3	86.6 97.3	57.7 47.3	97.3 97.3	67.3 97.3
68 18(m) 1.4 82.0		83.6 37.3	87.3 87.3	87.7 98.4		38.4 98.4	86.4 88.4
Gr 15071 1.4 94.6		86.3 89.7	90.1 90.1	97.4 91.1	91.1 91.1	91.1 91.1	91.1 91.1
DE 15451 1.4 87.	0.74C 87.0	ER.7 92.5	92.8 92.5	93.5 94.2	-4.2	94.2 04.2	94.2 94.2
GE 1000 1.4 97.1		69.4 93.5	97.8 93.8	94.5 95.5	95.5 95.5	95.5 95.5	45.5 °5.5
SE 2. 1 1.4 98.		89.7 93.6	94.2 94.2	94.7 75.9	*. *3 32.*3	95.¢ 95.9	95.9 95.9
GE 9001 1.4 98.4		97.1 94.2	94.5 94.5	95.2 26.2	96.2 96.2	96.2 95.2	96.2 56.2
UE 700 1.4 89.0		93.4 94.9	95.2 95.2	96.2 97.3	97.3	97.3 97.3	97.3 97.3
□E €.51 1.4 99.4	90.4 99.4	91.1 95.9	96.2 96.2	97. 7 98.3	49.1 98.3	18.3 98.3	48.3 98.3
GE 5 11 1.4 09.6	89.4 57.4	91.4 96.2	96.9 96.9	97.7 99.D	99.1 99.5	79.3 79.0	49.C 99.D
UE 4 7 1.4 29.		91.8 96.9	97.6 97.6	28.6 29.7	59.7 99.7	99.7 99.7	99.7 99.7
SE 7-0 1.4 P9.1		91.3 96.9	97.6 97.6	98.6 99.7	99.7 100.6	100.0 100.0	100.0 100.0
UE 0.01 1.4 39.1		91.8 96.9	97.6 97.6	98.6 99.7	99.7 10J.C	100.0 170.0	100.0 100.0
GE 117 14 89.		91.5 96.9	97.6 97.6	79.6 79.7	99.7 100.0	100.0 10.0	120.9 100.0
		7,	,,,,,		, 109.5		
GE 1 1.4 89.7	99.7 59.7	91.9 98.9	97.6 97.6	98.6 99.7	99.7 100.0	100.0 100.0	100.0 100.0
			· · · · · · · · · , . , · ·			. .	

GLOBAL CLIMATCLOGY FRANCH USAFETAC AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIFILITY FROM HOURLY OBSERVATIONS

STATION N	JMPER:	275950	STATI	CK NAME:	: KA7A	N LSSR					41,104 41,104		PD: 79		ALL	
CE IL I'. 6	• • • • • •	• • • • • •	• • • • • •	• • • • • • •		•••••			IN STATE				• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • •
IN I	GE	υE	GĿ	GF	GE	٥t	GE	GE	GE	GE	. GE	51	GE	G€	GE	GE
FELT		L	٠,	4		2 1/2		1 1/2		1	7/4	5/2	1/2	5/16	1/4	٥
•••••	• • • • • •	• • • • • •	• • • • • •	• • • • • •		•••••		•••••	• • • • • • •	• • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • • •	•••••
NO CETE !	.5	31.7	31.7	31.7	32.3	37.9	33.9	34+2	34.5	34.6	30.9	34,6	34.4	75.1	35.1	35.4
DE 200001	. 5	3 3. 7	33.7	33.7	34.3	36.0	35.0	36. ₹	30.6	76.7	36.9	37.0	37.0	37.2	37.2	37.5
5E 160 001	• 5	3 3 . 7	33.1	33.7	34.3	36.6	35.5	36.3	36.6	36 . 7	36.9	37.7	37.0	37.2	37.2	37.5
6E 16: 471		33.7	33.7	33.7	34.3	36.0	36 .C	36.3	36.6	36 • 7	36.9	37.)	37.0	37.2	37.2	37.5
6E 14 14.21	• 5	23.7	33.7	33 • 7	34 . 3	36.0	36.0	36 • 3	36.6	36 • 7	36.9	37.0	37.0	37.2	37.2	37.5
GE 12761	• 5	3 3 • 7	33.7	35.7	34.3	3 L . g	36 • 🤈	36.3	36.6	36 • 7	76.9	37.4	37.3	* 7 • 2	37.2	37.5
WE ICHUCI	. 6	50.1	55.4	50.4	51.3	54.1	54.1	54.6	55.2	55. 1	50.5	55.7	55.8	56.0	56.0	56.4
UE 90 40 €	. 6	5 2. 3	53.4	50.4	51.3	54.1	54.1	54.6	55.2	55.3	65.5	55.7	55.8	c4.0	56.0	56.4
GE 87471	ě	50.5	50.4	5 J . 4	51.3	54.1	54.1	54.6	55.2	t.5.3	55.6	55.7	55.8	56.3	56.0	56.4
GE 70401	. 6	50.3	57.5	50.5	51.3	54.2	54.2	54.7	55.3	55.4	55.7	55.8	55.9	56.0	56.1	56.6
⊎E 6153]	• 6	51.1	51.3	51.2	25.0	54.9	55.0	55.4	56.0	56.2	51.4	56.5	56.6	56.9	56 • B	57.3
6E 50001	. 7	55.0	55.0	55.2	56.1	59.1	59.2	59.8	60.3	63.5	60.3	60.3	63.9	61.1	61.2	61.6
6E 45 0	. 7	, 5. 4	55.5	56 • 5	57.5	66.5	60.6	61.2	61.8	61.9	62.2	62.3	62.4	62.6	62.6	63.1
uΕ 41001	. 7	61.	51.6	61.0	62.6	65.9	66.5	66.6	67.2	67.4	67.6	67.7	67.5	68.0	68.0	€8.5
UE 35 (2)	. 7	62.7	52.*	62.9	63.9	67.2	67.2	67.9	b8.5	68.7	60.7	69 · U	59.1	69.3	69.3	69.8
3E 30 (2)	. 7	64.0	64.5	64.9	66.1	64.5	69.5	73.3	70.9	71 - 1	71.4	71.5	71.5	71.7	71.8	72.2
5E 25001	• 6	5 9. 1	39.4	69 • 2	70.5	74.2	74.3	75.1	15.7	75.9	16.2	76.2	76.3	76.5	76.5	77.0
66 20001	· e	72.5	7 2	12.5	73.7	7 E . C	78.1	78.9	79.5	79.8	an.n	80.1	83.2	P3.4	90.4	BC . 9
GE 1º	. F	7 3. 4	73.	73.9	75.2	79.4	79.5	80.3	83.7	91.1	91.4	91.5	61.6	01.8	81.8	82.3
LE 15 CT	۰, ۶	76.2	76.3	76.3	77.7	82.0	82.1	R 3 . C	65.7	93.9	54.1	94.2	34.3	04.5	84.5	P.5.0
11 Vol	• *	73.1	79.1	79.1	A3.7	95.3	85.4	86.4	67.2	07.4	87.7	a 7 • 7	87.8	C • 9 9	6 A . 1	88.5
65 1 00V	. ?	10.9	51.1	°1 • 1	22.6	97.7	87.8	88.5	89.7	89.9	9".2	97.3	90.4	93.6	90.6	91.1
ue sual	, A	71.4	51.5	81.5	F 1 . 1	06.3	83.4	39.5	90.4	90.6	y 3	91.5	71.1	21.3	91.3	91.8
4.E 9 1	. 0	F 1 . c	5.7	₽ 2. J	F 3 . 6	58.8	89.0	90.1	91.2	91.5	91.7	91.5	92 • n	92.1	92.2	92.7
GE 7531	• 0	3 2 . 2	42.4	52.4	P4 . 1	84.6	89.7	95.3	22 - 1	92.4	47.7	97.7	92.9	93.0	93.1	93.6
66 67.31	• 9	93+1	83.3	93.5	£5.2	91.1	91.3	72.6	44.2	24.6	51.	25.1	95.2	95.4	95.4	95.9
UE 51.71	. 9	2 2. 1	a	83.5	86.0	92.1	92.4	93.7	95.4	95.7	16.5	o € • q	96.5	96.7	96.7	97.2
GE 4, ;}	. 7	44.	94.1	44.1	56.4	92.6	92.9	94.3	96.2	96.7	12.2	97.3	97.4	97.6	97.7	98.1
6E 3011	Ģ	24. 1	84.2	94.2	86.5	92.8	93.2	94.6	96.6	97.4	97.0	98.0	98.1	98.3	98.3	98.9
GE 2001	• 0	94.1	84	34 . 2	86 . 5	92.8	93.2	74.6	96.7	97.5	90.0	7A.3	98,4	98.6	98.7	99.3
GE 1.31	• 0	54	84.2	84 . 2	26.5	92.6	93.2	24.6	96.7	97.5	7F."	98.3	98.4	98.6	99.0	99.9
GE .1	• ?	94.1	84.2	44.2	86.5	92.8	93.2	94.6	76.7	97.5	48.5	25.3	98.4	98.8	99.0	100.0

GLOAML CLIMATOLOGY RHANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRETICE OF CEILING VEHICUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMPER	: 275757	STATE	ON NAME:	KAZA	IN USER					PEPIDO	OF HECK	PD: 76	- 8 7		
										MOUTH	: 001	HOURS	icsti: (20-000	o c
	• • • • • • • • • •	• • • • •			• • • • • • •							• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •
CEILING								IN STATE							_
IN I GE	GE.	SE	GE	G E	C.F	6 E	G C	GE		· GE	G;	SE	GF	GE	GE _
FECT 10		•	4		2 1/2		1 1/2		1	7/4	5/6	1/2	5/16	1/4	ε
	• • • • • • • • • •	•••••	• • • • • • • •	• • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	
NO CLIL I	27.5	21.5	27.5	29.8	29.6	29.9	35.1	31 • 1	31 - 1	31.5	31.5	31.5	12.1	32.1	32.8
ც <u>ნ</u> გნუნმე	27.8	27.ä	27.0	29.1	36.1	30.1	30.5	31 • 5	31.5	31.4	31.0	31.8	32.5	32.5	33.1
0E 180 JOI	27.5	27.5	27.5	29.1	30.1	30.1	33.5	31.5	31.5	33.8	31.5	31.9	12.5	32.5	33.1
6E 16-21	27.5	27.8	27.9	29.1	30.1	30.1	33.5	31.5	31.5	31 · A	31.6	31.9	72.5	32.5	33.1
OE 14" CT	27.2	27.8	77.3	22.1	34.1	30 • 1	30.5	31.5	31.5	35.48	31.6	31.8	32.5	32.5	33.1
6E 127371	27.0	27.6	27 • 5	29.1	30.1	30 • 1	30.5	31 • 5	31 • 5	51.9	31.6	31.9	32.5	32.5	33-1
GE 10hd21	35.6	35	35.3	37.7	35.1	39.1	39.7	41.1	41.1	41.7	41.7	41.7	42.4	42.4	43.4
6E 95.551	35.0	35 . 5	35 • 3	37.7	39.1	39.1	39.7	41.1	41.1	41.7	41.7	41.7	42.4	42.4	43.4
GE 511201	35.0	35.6	35.6	37.7	39 • 1	39 • 1	39.7	41.1	41.1	41.7	41.7	41.7	42.4	42.4	43.4
6E 7 401	35.1	36.1	36 + 1	38.1	39.4	39.4	40.1	41.4	41.4	47.1	42.1	42.1	42.7	42.7	43.7
OE 61 00 1	36.0	36 . 5	36 • 3	38.7	4(.1	40.1	40.7	47 • 1	42.1	42.7	42.7	42.7	43.4	43.4	44.4
CE STUTY	41.4	41.4	41.4	43.4	44.7	44.7	45.4	46.7	46.7	47.4	47.4	47.4	48.3	48.0	49.0
GE 45 ()	43.4	43.4	43.4	45.4	46.7	46.7	47.4	48.7	49.7	40.3	49.3	49.3	50.0	50.0	51.0
GE 4: LJ	45.7	46.7	46.7	40.7	50.3	50.3	51. ű	52 • 3	r 2 • 3	5 * • ?	53.0	53.7	53.6	53.6	54.6
UE 37 . 11	48.	45.	48.2	53.0	51.7	51.7	52.3	53.6	53.6	54.3	54.3	54.3	< 5 • ∪	55.0	56+0
aE 3000	5.7.3	50.7	50.45	52.3	54.3	54.3	55.û	56.3	66.3	57.3	57.0	57.7	· 7 • 6	57.6	58.6
UE 25 .21	1 3.2	53.3	53.3	55.3	57.3	57.3	57.9	59.3	59.3	50.1	59.0	59.9	63.6	69.6	61.6
GE 2001	5.3.3	50.	58.3	67.3	62.9	62.9	63.6	64.9	64.9	U* .6	65.6	65.6	66.2	66.2	67.2
CE 11	5.7.6	59.6	59.5	61.6	55.2	65.2	65.9	67.2	67.2	67.3	57.9	67.9	58.5	68.5	69.5
,E 15 € 1	6.2.3	62.1	62.3	64.2	68.2	68.2	68.9	70. 7	70.2	15.9	72.9	73.9	71.5	71.5	72.5
SE 13071	66.7	26.9	66 . 7	60.5	73.8	73.8	74.5	75.9	75 • 8	76.5	76.5	76.5	77.2	77.2	78.1
OF 15 30 I	63.	53.:	65.2	73.2	75.5	75.5	75.8	78.5	79.5	79.1	79.1	79.1	79.8	79.8	8 G • 8
65	69.6	t 9	59.2	71.2	7 € .8	75.8	78.5	80.1	PC - 1	6°•3	A .1 . 8	83.P	91.5	81.5	82.5
6E 0 27	7	77.2	70.2	72.2	77.8	77.8	79.8	61.5	01.8	97.5	82.5	82.5	93.1	87.1	84.1
UE 7 . 1	73.5	79.5	76.9	73.2	75.1	79.1	81.1	62 · d	P 3 • 1	e 7 . 9	93.8	33.8	54.4	84.4	85.4
ot e. i	71.2	71.5	71.2	74.5	01.1	81.1	83.8	87,4	97.7	₆ ρ.4	98.4	88.4	99.1	39.1	98.1
u£ (53)	71.2	71.2	7	74.8	P 2 - 1	62.1	84.0	83.4	A8 • 7	£0.4	a 9 . 4	89.4	90.1	90.1	91.1
GE WOOL	71.2	71.7	71.2	74.9	92.1	83.1	06.4	90.4	91.7	97.1	92.7	92.7	93.7	93.7	94.7
6E * 0"	71.2	71.	71.2	74.8	82.1	83.1	86.8	97.7	92.1	77.4	93.4	93.4	24.7	94.7	95.7
⊌€ 1601	71.2	71.2	11.2	74.5	82.1	83.1	97.1	91.4	92.7	94.7	94.	94.7	95.7	96.5	97.4
6E 1.71	71.2	71.2	71 . 2	74.8	82.1	83.1	87.1	91.4	93.	94.7	24.7	94.7	96.4	97.0	99.7
υE	71.2	7:.2	71.2	74.8	82.1	83.1	37.1	91.4	33.€	+4.7	94.7	94.7	96.4	97.0	100.0

GLOBAL CLIMATOLOGY PRANCH (SAFETAC ALP NEATHER SERVICE/MAC

PERCENTAGE FREWDENCY OF OCCURPENCE OF CFILING VENCUS VICIFILITY FROM FOURLY $n_b s_{\bar{t}}$ rvations

TTATION MINURES - DIRECT STATION AND - MAZAN HER

					ON NAME:							асетн		HOURS	(ĹST): ;		
	LING	• • • • •	• • • • • • •	•••••			•••••			IN STATE				• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	N (GE	Cf	6.0	GΕ	GE	tΕ	6.6	65	6E	GE	E ri	61	61	GE	GE.	GE
FÉ		1,5	٠,٠	,, (4		2 1/2		1 1/2		1	7,4	5/4	1/2	٠/16	174	۵
											-						
0.0	CEIL	• ?	24.1	24.5	24.8	26.5	25.5	28.5	29.1	29. 6	29.8	ar . 5	30.5	31.1	71.5	31.5	32.1
ιE	200101	. 3	25.2	25.2	25 + 2	26.5	28.8	28.8	29.5	20.1	* 2 . 1	5°.4	30 • 6	31.5	71.8	31.8	12.5
υ.Ε	151 601	. 3	25.2	25.2	25 . 2	26.5	28.6	29.8	29.5	30.1	70.1	30.4	31.1.	31.5	31.6	31.8	32.5
υE	167001	. 7	25.2	25	25 + 2	26.5	2 F + 8	29.8	29.5	37.1	30.1	35.3	37.5	31.5	71.8	31.8	32.5
ŧΕ	140 oct	. 3	25.2	25.0	25 . 2	26.5	26.8	29.8	29.5	30.1	33.1	30.4	33.5	31.5	31.8	31.8	32,5
GΕ	127001	• ?	25.2	25.2	25 . 2	26.5	28.85	28 • 8	29.5	30.1	3C • 1	50.€	10.0	31.5	31.8	31.8	32.5
, ,	100001	• 3	3 3. 1	33.1	33.4	34.8	38.1	39.1	3 à . 7	39.4	₹9.u						41.7
υE	30.011	• 3	3 2. 1	37.1	33 • 1	34.8	36.1	38.1	39.7	39.4	39.4	45.1	45.1 40.1	40.7	41.1	41.1	41.7
66	87 551		7 3 1	37.1	33 • 1	34 • B	36.1	38.1	39.7	39.4	39.4	40.1	43.1	40.7	41.1	41.1	41.7
6 E	7	3	7.1	33.1	33 • 1	34.8	38.1	39.1	33.7	39.4	39.4	47.1	43.1	43.7	41.1	41.1	41.7
5 E	61001	. 3	ء وکرد	33.0	33.6	35.4	38.7	38.7	39.4	40.1	40.1	40.7	40.7	41.4	41.7	41.7	42.4
O.L	C	• .,	2 2 • 6	3340	9.00	37.4	36.1	30 47	39.4	47.1	40.1	4	4341	41.4	-1.1	71.7	72.7
GE	57.001	. 3	36.c	36 .4	36 ∙ 5	38.4	42.1	42.1	42.7	43.4	43.4	ųq	44.0	44.7	45.3	45.0	45.7
GE	45 177	. 3	7.4	37.4	37 • 4	39.1	42.7	42.7	43.4	44. ~	44.5	44.7	44.7	45.4	45.7	45.7	46.4
÷ξ	40.201	. 3	39.7	39.7	39.7	41.7	45.7	45.7	46.4	47.4	47.4	48.5	48.3	48.7	49.3	49.7	49.7
LE	35 ttl	. 7	9.7 . 1	42.1	42.1	44.0	46.0	48.0	48.7	49.7	49.7	57.3	50.3	51.3	51.3	51.3	52•0
ŧνE	31 401	• 3	43.7	47.7	43.7	46.0	50.3	50.3	51. 3	52.€	52.0	57.6	52.6	53.3	53.6	53.6	54.3
	25.001	_															_
G E	200	• ?	47.	47	47.3	47.3	53.6	53.6	54.3	55.6	55.6	56.3	56.3	57.0	c 7 . 3	57.3	5.7.9
6E		. 3	51.	51.0	51.5	53.6	58.3	58 • 3	59.3	60.5	57.9	61.6	51.6	62.3	42.6	62.6	63.2
	15 .51 15 .51	• 3	5200	52.6	52.5	55.3	59.9	59.9	63.9	62.6	62.6	67.2	63.2	63.9	54.2	64.2	64.9
65 65			56.5	56.6	50.6	50.6	64.6	64.6	65.6	67.2	67.2	67.9	67.9	68 4 5	66.9	6 R . 9	69.5
UE	10.001	. 3	53+3	53.7	50 • 3	61.9	67.5	67.5	68.9	73.5	7J.5	71.7	71+2	71.9	72.2	72.2	72.6
GF	1 . 31	. 3	62.7	5.1.2	63.7	64.6	71.2	71.5	72.8	15.2	75.2	75.8	70.0	76.5	76.8	76.8	77.5
U.S.	9.01	• 7	4 4.0	61.0	01.5	65.6	72.5	12.8	74.2	76.3	76.€	77.5	77.5	78.1	78.5	78.5	79.1
GΕ	FULL	• 3	02.6	52.6	62.5	66.4	73.8	74.2	75.5	78.5	79.5	79.1	79.1	77.8	PJ.1	89.1	90.8
ıΕ	7.1	. 3	52.€	52.6	62.6	66.9	74.8	75.2	77.2	79.0	79.8	50.5	87.5	81.1	P1.5	81.5	82.1
ιE	6.071	• 3	€ 3. 6	53.0	63.5	64.5	77.5	77.8	89.5	03.8	83.8	P4 . 9	84.8	85.4	85.8	85.8	86.4
t.F	1 251	. ?	63.9	53.5	63.4	69.2	78.8	79.1	81.8	65.1	P5.6	F & . 3	86.8	87.4	87.7	67.7	88.4
G.E	4 Č ()	. 3	43.9	53.4	53.9	69.5	79.8	an 5	33.4	87.1	99.1	89.1	90.4	93.1	70.7	91.1	92.1
i,E			4 3. 7	63.	63.9	70.2	# C • 5	81.1	94.1	87.1	29.4	20.7	21.1	91.7	92.7	93.0	94•n
7.5	5051	. 3	93.9	53.7	63.9	70.2	9 .5	41.5	94.4	88.4	89.7	7 . 4	92.1	93.0	94.7	95.0	98.0
GΕ	101	•	63.9	63.9	63.9	70.2	7 L • S	81.5	84.4		P9.7	91.4	92.1	93.0	95.3	95.4	99.7
O.L	70 1	•	0 3, 7	50 + 7	03.7	10.02	F L + 5	01.0	5 4 • 4	88.4	~ 7 . /	9: • 4	1203	A 2 • ';	42.7	45.4	7711
(, E	31	• ?	63.5	63.,	63.9	7".2	50.5	31.5	Ŗ4.4	88 • 4	89.7	91.4	92.1	93.7	95.3	95.4	100.0

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE F CHILING VERSUS VIHILITY USAFETAG FROM HOURLY OBSERVATIONS ATRIBUTER SERVICEZAMAG

STATION NUMBER: 27595" STATION NAME: KAZAN USSR

1 1 1	Tr: r	~ U	MEEN:	2 (2.4.5	SIALL	CA NAME:	K A / A	14 (1228					FR. 21.00	0 (340: 16	- 87		
													SOSIE	: 001	F3037	(LST):	ერეი-ენ	00
	ING		• • • • •	• • • • • •	••••	• • • • • • • •	• • • • • •	• • • • • • • •	v 151		IN STATE	11F P11		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	••••••
ΙN			C.E.	GF	t. s	υF	ſ, E	6.5		Gr	GE GE	SE		1,1	G.	t. f	r, E	٥ŧ
			110					2 1/2				1	1/4	5/:	1/2	1/16	1/4	O. D
																	• • • • • •	
10 C	EIL	i		: 3.5	. 6 . 7	18.	13.5	21.2	21.9	22.2	22.3	23.2	7.7	. 4	24.5	24.6	24.5	26.6
, -	276	. 1		16.5	19.5	19.2	19.5	21.5	22.0	22.6	23.2	23.6	23.0	~4.6	24.9	74.9	24.9	26.9
	11.1			13.9	10.0	19.2	19.5	? 1.5	27.7	22.6	23.2	73 • 6		24.5	54.0	74.9	24.0	26.9
	10 2			13.4	10.0	19.2	19.5	21.5	22.0	22.6	43.2	23.6		24.6	24.9	24.9	24.9	76.9
	16 J			15.7	16.0	15.4	19.5	21.5	22.2	22.6	23.2	73.6	27.	74.0	24.7	24.9	24.9	26.9
	1.30 u			1 1.7		19.2	12.5	21.5					2 3 4			24.9		
		!		1707		1714	1 - 4 5	- 1 + 3	22.2	22.6	2:.2	23.6		24.6	24.9	4.7	24.9	26.9
E i	ا≎نا	21	• 3	2 4. 3	21.5	28.0	3 , . 3	32.7	37.3	33.7	35.0	76.0	17.	17.4	37.7	37.7	37.7	74.7
٠F	9	- i	. 7	24.3	24.6	28.6	30.3	7.7.7	33.7	33.7	35. "	76	16.0	77.4	37.7	77.7	37.7	14.7
LΕ	905	أر		20.3	28.6	26.6	31.3	12.7	33.3	33.7	35.5	76 . ;	76.	17.4	31.7	17.7	37.7	34.7
	700		. 3	34.3	28.6	28.5	32.3	22.7	33.7	33.7	35.0	76.0	34.0	:7.4	37.7	77.7	37.7	14.7
	6.		. 3	7 α • 3	: H . 6	28.6	30.3	32.7	33.3	33.7	35.	76.0	36	: 7.4	37.7	77.7	37.7	14.7
								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				•••			J		J. • ·	
	5)		• 3	70.3	3/1.6	30.6	37.7	35.₩	35 . ?	76.0	37.4	7 R . 4	!^•	4 - 1	47.4	40.4	47.4	42.4
	ų r		. 3	32.3	31.6	36.6	22.7	35.0	35.7	36.0	57.1	79.7	13.1	40.4	47.7	u j. 7	43.7	42.8
,ŧ	470	24	• 3	2 2 . 7	34.	34	36.0	38.4	39.1	34.4	41.1	42.1	42.4	43.6	44.1	44.1	44.1	46.1
, E	31 0	,r [• 3	35.7	36.00	36 • _	39.0	4 0 . 4	41.1	41.4	43.1	44.1	44.4	45.4	45.1	40.1	46.1	48.1
٠E	3 ' n	0.1	٠ ٠	34.5	38.4	76 . 4	43.4	43.6	44.4	44.8	46.5	47.5	47.0	49.7	47.5	49.5	49.5	51.5
, E	ردي	3.1	. 3	90.4	40.7	7 . ب	42.8	46.1	46.9	47.5	49.5	50.5	57.4	52.3	52.5	62.5	12.5	۲4.5
	2 - 1		• • • •	43.4	47.4	43.5	46.1	40.5	50.2	51.2	53.2	54.2	54.5	55.9	56.2	-6.2	55.2	18.2
	187		• ?	44.5	45.1	45.1	47.5											-
	15.0							51.2	51.3	52. 4	54.7	55.9	56.5	57.6	57.9	57.4	57.9	59.9
	17.5		• 7	4 3.5 5 3.7	49 ed	49.6	52.2	56.4	56.9	53.	65.3	£1.3		63.5	63.3	(, E + 3	63.3	65+3
J. C.	• -		• ?	•	53.0	53.5	56 • 2	66.9	62.0	63.€	65.7	67.€	67.7	63.7	69.7	69.4	64.4	71.4
ŀΕ	1 5	e J	. ?	55.6	55.9	55.7	59.7	64.0	65.0	66.7	69.0	73.7	71.0	72,4	72.7	73.1	73.1	75.1
ıξ	~ J	11		55.6	55.9	55.9	57.6	64.3	65.3	67.1	69.4	1.0	71.4	77.7	73.1	73.4	73.4	75.4
ıΕ	ε_	1	• 7	56.0	36.0	56.9	67.6	65.7	66.7	68.7	71.4	77.1	13.4	74.7	75.1	75.4	75.4	77.4
·Ε	7	· i	. 3	5 7. 2	5.7 +6	57.5	61.5	67.3	68.4	70.4	73.1	74.7	75.1	76.4	76 . P	77.1	77.1	79.1
ιĖ	6 .		• 7	59.9	50.3	50.3	(4.5	71.4	72.4	76.1	80.1	01.0	42.7	-3.5	83.A	A4.2	84.2	86.2
ıΕ			• ?	59.9	5 (• 3	64.3	65.0	72.4	73.4	77.1	84.9	23.5	~ ' • °	85.2	45.5	95.9	85.9	A 8 • 2
∍€ •	4 (• 3	57.0	5 ~ • 3	65.3	£5.3	7 2 • 4	74.4	73.5	01.5	A6.2	61.	e A * *	89.2	9.9	90.2	92.6
ıΕ	7 (.)		• 3	5.9	5 (. + 3	t.u • 3	65.3	73.7	74.7	78.8	83.8	a7.5	÷ 9 • 6	35.5	91.2	02.3	92.6	96+0
∠ E	?::	21	• *	59.5	C 0 • 3	50 a 3	65.3	73.7	74.7	78.0	03.5	47.5	77.1	96.6	71.5	65.3	93.9	96.3
3.		. 1	• ?	59.4	5 " • 3	60.3	65.3	12.7	74.7	78.8	83.B	07.5	43.3	90.6	91.6	05.9	94.3	100.0
ıΕ		- 1	. 3	59.5	50.	60.3	£5.2	7 ? • 7	74.7	78.6	61.5	07.5	n = . 1	92.6	91.6	92.9	94.3	100.0

GLOWAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MEC

PERCENTAGE FREQUENCY OF OCCUPPENCE OF CFILING VEHSUS VI-191LITY FROM HOUSELY CUSE PRATIONS

- 1 1 1 1 10		27.55	31.14	CN WAMES	K # / F	OSKR						: 001	.67 : 0⊒C HOUPS	(LST):	11-5090	CC
IL ING	• • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •			IN STATE			• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	•••••
	6E	Uf	()	٥F	3.6	6!	Č.E.	9.0	űŧ	GE	- G	61	56	G.F.	GŁ	υE
EET 1	15	:	S.	4		1 1/2		1 1/2		i	774	5/-	1/2	6/16	1/4	0
							• • • • • •									
CLIET		14.5	. 6	18.5	25.1	22.7	22.7	23.3	24.3	25 • 3	2	75.3	25.3	25.7	25.7	26.3
2002/1		20.1		23.1	21.4	. 4.3	24.5	24.3	26.5	27.5		37.0	27.0	77.3	27.3	26+B
19 "0";			. 1.1	25.1	21.4	24.0	24.0	24.3	.6.	27.5	27.	21.3	27.0	27-3	27.3	26.0
.0001		* u • 1	21 .1	20.1	21.4	ن. با ر	24.0	24.3	25.1	27.0	. 7 • 1	11.0	21.7	27.3	27.3	28.0
140.01			. : . :		21.4	24.0	24.0	24.3	2600	27.0		77.5	27.9	27.3	27.3	26.0
12,24		*. • 1	۱۰ ′ ، ۱		21.4	24.€	24.0	24.3	26.5	27.5	. * •	27.0	21.0	27.3	27.3	78.C
10121		34.7	28.0		11.4	34.5	34.5	35.4	37.5	*5.8	34.0	39.1	32.1	19.5	39.5	40.1
9 (1		7 4	26.5	38.00	33.9	34.5	34.5	35.5	37.8	38 + 8	3	39.1	59.1	39.5	37.5	40.1
873.01		7.5	. 1 . 4	20.9	33.9	34.5	34 .5	35. →	37.9	70.5	10.0	19.1	39.1	79.5	39.5	40.1
71 01		. 4. 7	6 F . 9	20.9	37.9	34.5	34 + 5	25.5	37	7 R . 6	ja.,	15.1	30.1	79.5	39.5	46.1
(~ ` l		7.5.9	20.0	£3.9	37.0	34.5	34 . 5	35.9	37.9	4 ft . v.	tu.≠	* + 1	39.1	39.5	39.5	46.1
572.4		, . ,	30.2	13.3	12.2	35.9	35.9	37.2	39 • 1	90.1	4 1 - 1	49.0	47.5	u J. 5	43.R	41.4
45 . 1	• ?	3 . • 4	3" . /	33.9	31.2	3 ℃ • ສ	3€ • 3	38 € 2	4:.5	41.4	41.4	41.3	41.0	42.1	42.1	4 8
41 / 1	. 7	13.6	; :	33.7	36.2	45.1	17.1	41.6	44.1	45.1	4° •1	45.4	45.4	45.7	45.7	46.4
3" .	• 3	34.	54.7	34.9	37.2	41.1	41.1	42.5	45.1	46.1	4	46.1	46.7	47.3	47.7	47.7
57 24	• 1	ŝŧ•	10.0	se • =	39.1	43.1	43.1	44.7	47.5	49.0	9.75 + 4	4 . 7	49.7	49.0	49.0	44.7
. 1	. '	4	40	43.0	43.1	47.4	47.4	49.5	51.3	52.3	4.5.6	5.3.3	53.0	65.3	53.3	53.9
21 231	. 1	44	4	45.4	47.7	5 3	52.3	53.9	56.3	57.2	5, 7	57.7	57.7	* 5 • 2	58.2	. 8 . 9
11	• '	4 . 4	4 P • 4	48 + 4	57.7	55.3	55.3	56. 4	59.2	45.0	. 7.5	6.7 * 9	69.3	41.2	61.2	61.8
11 - I	• 7	5 L • 3	5.5.7	5a.7	5 7 · C	57.6	57.6	59.2	61.5	62.5	, ~ -	63.2	63.2	£3.5	63.5	64.1
: 151	• 1	F t • !	57.6	56.6	59.5	55.5	65.5	67.1	67.7	70.7	71.1	71.4	71.4	71.7	71.7	72.4
: i	. ?	14,1	,0,0	59.5	61.2	5 7.4	67.4	71.1	7 3 . 7	75.1	1	75.7	75.7	76.3	76.0	76.6
90.1	• '	59.0	6 1	nj.	63.5	77.4	70.1	71.7	74.3	75.7	75.	76.3	76.3	76.6	76.6	77.3
# J	• :		5 7 • 1	50 € 5	υ [†] • *	7.1.4	77.4	72,1	75.3	76.6	17.7	77.3	77.3	:7.6	77.6	76.3
7 27 1	. 3	7 E • 7	-1 +2	61.2	£4.0	77.5	72.43	74.7	17.3	78.9	77.1	79.7	77.7	A 2 • 3	90 . 3	8 C • 9
1.201	• 7	. 1.2	51.5	61.5	6° - 1	73.4	73.7	77.5	81.3	n 2 • 9	27.6	23.9	33.7	94.2	84.2	84.9
1.1	• ;	41.2	51.5	61.5	6 c • 1	72.7	74.3	77.6	82.2	94.2	34.3	45.0	95.2	P5.9	85.9	86.5
9 [• .	51.0	3.7.2	62.2	€5.4	75.3	7" . 3	73.9	24.7	97.	11 J * 4	89.5	87.8	93.5	90.5	91.1
7.1	• 7	6 1	57.0	62	65.5	7 5 + 3	15.7	79.3	66.2	49 e E	2.74.0	51.F	92.1	93.1	93.1	93.8
71	• 3	5 1.5	50.0	10200	65.5	75.3	15.7	17.5	e b • 2	ou. • 1	1.0	92.5	77.4	95.4	95.7	97.0
2001	• 3	′ i• ·	5 7 • ≘	62.0	£5.8	75.3	15.7	79. 3	s6 •	90.1	91.0	33.1	93.9	95.4	96.7	99.3
1	. ,	64.5	6.7 • 2	52.2	ę S . h	75.3	75.7	79.3	85.2	92.1	91.	93.1	93.R	96.4	76.7	100.0

TOTAL GLADER OF OBSERVATIONS: 3_4

SUBBAL CLIMATOLOGY TO MICH PERCENTAGE FREQUENCY OF OCCUMPENCE OF CTILING VERTOR VISIBILITY USAFLITAC FROM HOUREY OBSERVATIONS AIR WEATHER SERVICE/MIC

Parino of FECORD: 76-87

STATION NUMBER: 275951 STATION NAME: MAZAN USER

										MOI.TE	: 001	FOURS	(LST):	1200-14	a 0
	VISIBLETTY IN STATUTE MILES IN 1 GE OF GF GF GF GF GF GF GF GF GF GF GF GF GF														
	GF	G.F	υF	GE	GE						Cir	GE	G.F	r. f	GE
reer i in	٠. (5							1		5/8	1/2	5/16	1/4	0
		• • • • • • •													
NO CELL I	70.9	25.4	73.7	22.3	23.6	2 7 .6	23.6	24.0	24.0	20.	24.9	24.3	24.3	24.3	24.3
10 0010			• 5 • •	66.7	, ,,,,	2 .0	2 3 • 0	24.5	/ - • -	• •		2447	. 4.5	27.3	2443
5E 200 UU L	23.3	23.3	23.3	24.7	26.5	26.J	25.0	26.4	26.4	20.4	76 • •	26.7	26.7	26.7	26.7
5E 18050	3 3. 3	27.44	23.3	24.7	26.3	26.0	26.€	26.4	26 • 4	60.4	26.4	25.7	26.7	26.7	26.7
(E 10,23)	23.3	27.5	23.3	24.7	2 t 🕡	26.0	26. ∟	.6.4	76.4	- 4	26.4	26.7	26.7	26.7	26.7
6E 145 UT	23.3	27.3	23.3	24.7		26.0	26 • U	26.4	26.4	26.4	.6 • 4	26.7	26.7	26.7	26.7
6E 125301	23.3	27.7	23.3	24.7	26.0	26.0	26. û	26.4	26.4	24.4	. 6 . 4	26.7	76.7	26.7	26.7
GE 101011	36.1	30.1	33.1	31.8	33.8	33.8	33.8	34.1	₹4 • 1	34.1	34.1	34.5	*4.5	34.5	34.5
⊕E 95 ∪ \l	10	30.1	3C • :	31.9	33.8	33.8	33.8	34.1	34 . 1	34.1	34.1	34.5	74.5	34.5	34.5
6E 8. JUL	33.1	30.1	30 • 1	31.9	33.8	33.6	33. 5	34 • 1	74.1	24.1	34.1	34.5	74.5	34.5	34.5
6E 75 u31	3001	3.7 • 1	30.1	3:.0	33.8	33.8	33. R	34 . 1	74 . 1	34.1	74.1	34.5	74.5	34.5	34.5
JE 60001	3	30.1	30.1	31.4	33.8	33.8	53.8	34 • 1	*4 • 1	34.1	34.1	34.5	74.5	34.5	34.5
6E 51 001	31.5	31.5	31.5	33.4	35.8	35.8	35.6	30.5	36.5	36.5	36.5	36 • 9	76.9	36 • A	36.8
6E 45 531		32.1	32.1	33.8	36.1	36 . 1	36.1	36.8	36 • 6	36.4	25.9	37.3	37.2	37.2	37.2
GE 41 DH	35.8	35.4	35.5	37.5	35.5	39.9	39. 9	43.5	40.5	4 ~ . 1	45.5	47.7	4 1. 9	47.9	40.9
.E 35 [1]	37.2	37.2	37.2	39.9	41.2	41.2	41.2	41.9	41.9	41.0	41.9	42.2	42.2	42.2	42.2
Ge En Jol	42.2	42.2	42.2	43.4	46.3	46.3	46.3	47.0	47.2	4,7	47.9	47.3	47.3	47.3	47.3
		** **	72.02	- 3 • /	7013	40.0	70.3	41.	41.	•	41.5	-,.,	47.5	47.5	-11.3
ut prod	47.0	47.3	47.0	48.6	5 1 • €	51.0	51. û	51.7	51.7	51.7	51.7	52.7	52.0	52.0	52.0
Cr 2 . 11	5.3.7	5 . 7	53.7	55.7	55.5	59.5	59.5	65.1	60.1	67.I	$t \cdot J + 1$	67.5	60.5	60.5	60.5
GE 19 / 1	5.4	56.4	56.4	53.8	5 0	62.8	62.8	63.5	63.5	6 7 . 5.	67.5	63.9	£3.9	€3.9	63.9
GF 15 G. I	5 4.5	56.5	59 . >	€7+2	5 € • 2	66.2	56. 2	66 · G	46.9	64.4	66.9	67.2	67.2	67.2	€ 7 • 2
6E 17CH	€ 10 • 5	60.3	69	72.3	76.7	76.7	76./	77.7	77.7	77.	77.1	79.9	78.3	78.0	78•O
ut : u'i	7	72.0	12.0	75.3	91.1	61.1	91.1	0 و خ م	62.4	97.4	42.4	82.9	02.9	87.5	82.B
5E 20 1	72	7	72.3	75.7	91.8	81.8	81.	5	93.1	81.1	73.1	83.4	93.4	63.4	83.4
GE #हर्ग	12.3	7	13.0	76.7	83.0	93.8	₹3. e	8	85.1	o" • !	45.1	85.5	°5.5	ε5.5	85.5
7.5 7.51	7.2 - 1	7 .	73.3	76.7	04.5	64.5	84.5	56.1	95.1	1	86	85.5	96.5	ė6.5	96.5
GE ()	73.0	74.0	74.0	7º.4	₽6.5	36.5	87.2	69.	90.5	ટગ, ર	29.)	30.5	93.2	90.2	96.2
JE 5 11	7.2.	76.	74.1	72.4	96.8	86 • 9			30.6		0.1.	01.			
(d. 4)	73.3	76.5	74.3	71.7	87.6	67.9	97.5	93.5	37.5	47.6 43.6	21.2	94.3	91.6 94.3	91.6 94.3	91.6
1.F 31. I	73.5	74 . 3	74.3	79.7	87.6	87.8	88.9 88.9	92.9 43.9	22.9			95.3	96.6	76.6	94.3 97.0
Transfer of	77.2	/6.3	74.3	7 7	97.8	87.8	A9.9	94.3	94.3	94.9 96.7	95.6 97. t	98.0			99.3
Si : 1	, ,	74	74 . 3	79.7	27.8	97.8	83.9	94.3	95.6	9/	27.3	98.0	9.6°6	98.5 98.6	100.0
	•				. , • 0	,	53.7	, 3	.,.0	• • •	.,.3	, , , ,	.0.0	, , , , 0	100.0
5F 1	73.3	14.7	74 . 3	78.7	37.8	67.9	98.4	94. !		96.5	97.3	98.7	≎6.6		100.0
	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

TOTAL NUMBER OF OPSCHAATLONS: THE

GLOSAL CLIMATOLOGY SRINCH USAFLIAC AIR WEATHER SERVICEMMAC

PERCENTAGE EREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM FOURLY OBSERVATIONS

2141102 70				r•, NAMF:							MOREE		HOURS	(LST):		
CE 11 155	• • • • •	• • • • • •	• • • • • • •		• • • • •	• • • • • • •			IN STATI			• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
1'- 1	6L ;^	GL 	6.E 6	υ Γ 4	GΕ 3		5 8 E	GE 1 1/2	SE 1 1/4	GE 1	7.L 7./4	G1 57∂	5E 1/2	6£ 5/16	GE 1/4	GE O
no CEIL I	. 3	2 3.4	2 ₹.0	23,7	23.9	25.2	25.2	25.2	25 • 2	25.2	25.7	25.2	25.2	25.2	25+2	25.2
96 207001 06 18221 06 10:014 06 14701	.3	25.0 25.0 25.0 25.0	26.6 26.6 26.6	26 • 6 26 • 6 26 • 6 26 • 6	26.6 26.6 26.6	27.9 27.9 27.9 27.9	27.9 27.9 27.9 27.9	27.9 27.9 27.9 27.9	27.9 27.9 27.9 27.9	27.9 27.9 27.9 27.9	27.7 27.7 27.7	21.9 21.9 21.9 21.9	27.9 27.9 27.9 27.9	27.9 27.9 27.9 27.9	27.9 27.9 27.9 27.9	27.9 27.9 27.9 27.9 27.9
- 66 12 01 - 66 101001	. 3	26.3 13.1	26.6 57.1	26 • 5 33 • 1	26.6 34.1	27.9 35.7	27.9	27•9 35•7	27.9 35.7	27.9	37.7	27.9 35.7	27.9	^7.9 35.7	27.9	27.9 35.7
6E 9 651 6E 87 1 6E 77 07 1	• 1	3.1 2.1 3.1 3.4	37.1 33.1 37.4 37.4	33.1 33.1 33.1	34.1 34.1 74.1 34.4	35.7 35.7 35.7 35.7 36.1	35 • 7 35 • 7 35 • 7 36 • 1	35.7 35.7 35.7 36.1	35.7 35.7 35.7 35.7	35.7 35.7 75.7 76.1	35.7 35.7 35.7	35.7 35.7 35.7 36.1	35.7 35.7 35.7 36.1	25 • 7 25 • 7 25 • 7 36 • 1	35.7 35.7 35.7 36.1	35.7 25.7 35.7 36.1
51 57 00 1 68 45 51 64 4 00 1 64 50 71 6 75 61	• 7 • 7 • 8	37.7 *8.7 44.3 46.4 46.5	37.7 38.7 44.3 46.2 49.5	37 • 7 38 • 7 44 • 3 46 • 2 49 • 5	39.9 40., 45.6 47.5	41.0 42.0 47.5 49.5 52.8	41.3 42.5 47.5 49.5 52.8	41.0 42.0 47.5 49.5 52.d	41.0 42.0 47.9 49.8 53.1	41.0 42.0 47.9 49.8 53.1	41.7 47.7 47.3 47.3 47.5	41.0 42.0 47.9 49.3 53.1	41.0 42.0 47.0 49.8 53.1	41.0 42.0 47.9 49.3	41.0 42.0 47.9 49.8 53.1	41.0 42.0 47.9 49.8 53.1
35 25 1 36 2 1 37 15 1 38 15 1 40 1 1 1 1	.7	50.4 - 3.6 - 55.6 6 - 74.1	56.4 57.4 55.7 77.5 74.1	55 • 4 63 • 9 65 • 7 7 • 5 74 • 1	57.7 65.2 67.5 72.1 76.1	59.7 57.9 76.5 75.1 85.0	59.7 67.9 70.5 75.4	60.6 68.2 70.8 75.7 82.7	63.3 68.5 71.1 76.1	60.3 68.5 71.1 76.1	62.5 71.1 76.1	60.3 69.5 71.1 76.1 42.0	67.3 69.5 71.1 76.1 82.7	60.3 68.5 71.1 76.1 92.3	60.3 68.5 71.1 76.1 82.0	60.3 68.5 71.1 76.1 82.0
of 1 cl 9: cr r cr r cr r cr r	· 7 · 1 · 1	77.4 77.7 79. 74. 74.	77.4 27.7 71. 11.	77 • 4 77 • 7 75 • U 76 • F	#9.0 69.3 50.7 ×1.3 62.	64.6 65.5 65.5 86.5 87.9	84.9 85.9 86.2 87.2 88.2	85.2 86.2 37.2 88.5 97.2	86.6 57.5 83.5 69.8 92.5	86.6 87.5 98.5 97.7	00.00 17.00 40.00 10.00 71.1	45+0 +7+5 -4+5 30+2 -3:4	H6.5 H7.5 BB.5 97.2 97.2	86.6 87.5 86.5 95.2 93.4	85.6 67.5 68.5 90.2 93.4	86.6 87.5 86.5 90.2 93.4
	• ? • ? • ? • ?	7 + 2 7 d 2 7 d 7 7 d 7 7 d 7	7 E + 7 7 E + 7 7 E + 7 7 E + 7 1 E + 7	76 • 7 76 • 7 78 • 7 78 • 7 73 • 7	52.3 42.3 92.3 92.3	30.5 86.5 96.9 86.9 86.9	89.9 89.2 89.2 89.2	90.8 70.8 91.8 91.8 91.8	93.4 94.8 95.1 96.1	74.8 76.1 77.4 77.7 77.7	94.4 94.4 97.7 93.4 94.1	15.1 96.7 98.4 98.7	95.4 97.0 98.7 99.0 99.0	97.J 98.7 99.3 99.3	95.4 97.0 98.7 99.3 99.3	95.4 97.0 98.7 100.0 100.0
11E	. 7	78.1	1 1 . 1	70.7	P 2 • 2	16.3	87.2	91.8	₹6•1	27.7	33.7	38.7	99.7	29.3	99.3	100.0

TOTAL NUMBER OF OPEN EVALUATE TOTAL

GLOPAL CLIMATOLOGY FRANCH AIR WEATHER SERVICE/MAC

PENCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PET100 OF FECORD: 78-87 MONTH: OCT HOURS(LST): 1800-2000 CE IL I' G VISIBILITY IN STATUTE MILES 29.2 28.5 19.2 29.2 19.7 29.2 29.2 NO CETE ! 24.5 74.8 27.2 28.2 20.7 29.2 29.2 WE 237631 26.5 26.5 28.9 29.7 30.2 30.9 70.9 30.0 30.9 37.7 30.9 33.9 30.9 GE 167001 GE 167001 GE 147001 GE 127001 13.9 73.9 33.9 37.9 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5 28.9 28.9 28.9 29.9 29.9 29.9 29.9 29.9 29.9 30 · 2 30 · 2 30.9 30.9 77.9 30.9 10.9 30.9 36.9 30.9 30.9 30.9 30.9 33.2 0.9 30.9 . 3 26.5 30.9 30.9 28.9 33.9 36.9 26.5 26.0 25.5 1.0001 90001 80001 70001 43.6 47.6 40.6 43.6 40.6 40.6 33.4 39.3 40.6 33.9 33.9 72.9 47.6 47.6 47.6 31.9 37.2 37.2 39.3 29.3 39 · 3 39 · 3 39.9 40.6 40.6 40.6 40.6 40.5 40.6 13.9 49.6 40.6 40.6 40.6 GΕ . 3 33.9 43.5 43.6 43.6 40.6 37.2 35.3 39.3 39.9 42.6 43.6 43.6 40.6 67 00 } IJΕ 34.6 54.5 34 . 6 37.9 35.9 39.9 40.6 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3 50 00 1 45 00 1 45 00 1 35 00 1 30 00 1 47.5 47.0 47.0 47.0 47.0 6E 39. € 39.6 37.5 43.3 45.3 45.3 46.3 47.C 47.0 47.0 GE 49. 4 49.7 49.7 42.7 . 3 4 2. 3 42.3 42.3 46.0 46.0 49.C 49.1 49.7 49.7 49.7 49.7 46.3 46.3 52.3 55.3 54.3 56.7 54.4 57.0 54.4 54.4 57.0 GE 46 • 3 57.3 52.3 53.4 54.4 56.0 57.U 49.3 53.C 55.0 6 E 62.8 21 001 20 001 19 001 15 001 10 001 66.8 72.1 74.8 77.5 66.F 72.1 74.R 77.5 GE 5 d. i 58.1 €2.4 64.8 65.8 64.5 77.1 74.6 77.5 66 • 9 56.8 66.8 66.8 65 .7 63.4 53.4 £5.1 67.5 75.1 72.8 70 • 1 72 • 9 71.1 73.8 72 • 1 74 • 8 72.1 74.8 72.1 74.8 63.4 67.8 71.8 72.1 55.1 69.8 74.8 77.5 75.5 79.9 77.5 , E 67.0 67.6 75.5 76.5 77.2 77.5 77.5 70.5 7: .5 70.5 81.2 1000 9001 9001 7761 56.1 67.9 50.6 36.6 47.5 98.6 t.E 71.0 71.3 71.5 P5.6 R7.9 P8.6 83.6 84.9 96.6 97.9 88.6 77.9 83.6 84.9 A6.6 86.6 66.2 86.6 . 7 72.1 72.1 72.1 72.1 72.5 67.6 88.3 87.9 72.1 72.1 86.2 07.9 87.9 68.6 88.6 79.5 85.2 85 .2 86.6 86.2 90.6 97.6 86.2 87.5 υĘ 72.5 79.2 86.2 92.3 93.5 73.3 93.3 03.3 93.3 .7 ű€ 72.0 72.5 72.8 79.5 At.L 86.9 90.3 93.3 94. 3 94.3 94.6 94.6 94.6 94.6 94.6 73.2 73.5 73.5 77.2 96.2 96.7 97.7 97.7 96.3 97.7 (,E 82.5 87.9 F.7.9 91.6 94.6 76.3 96.3 96.3 97.7 96.3 97.7 73.2 73.5 88.3 . 7 95.0 95.0 υE 98.3 91.9 97.7 97.7 acri u.E 73.5 73.5 85.5 87.9 86.3 88.6 91.9 27.7 98.0 98.0 98.3 98.3 99.0 36.3 98.3 ~ [73.8 73.0 61.2 98.0 88.7 92.3 95.3 78 • C 98.3 99.0 100.0 98.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 275957 STATION NAME: KAZAN USSR

PECTOE OF PECOPD: 78-87
MONTH: OCT HOURS(EST): 2100-2300

CELLING IN GE GE GE GE GE GE GE G																		
The 1	CETLIN		• • • • •		• • • • • • •		• • • • • •									• • • • • • •		•••••
NO CELL .7 27.6 27.4 27.6 27.5 3.72 30.72 30.72 31.72 11.5 31.7 11.5 31.7 11.5 31.7 31.7 31.7 31.9 31.	14	1	(, E	e_{c}	3.0	GE	GE	GE						Gf	SE	GE	GE	GE
NO CELL .3 27.6 27.8 27.8 27.8 27.8 27.5 3.02 30.2 30.2 31.2 11.5 51.7 11.5 31.5 21.9 31.9 31.9 31.9 6E 277001 .7 28.5 28.6 28.5 30.2 30.6 30.8 30.8 31.9 72.7 37.2 32.2 32.2 32.5 32.5 32.5 6E 18701 .3 28.6 28.6 28.5 28.5 37.2 37.6 30.8 31.9 72.7 37.2 37.2 32.2 32.2 32.5 32.5 6E 18701 .3 28.6 28.6 28.5 28.5 37.2 37.6 30.8 31.9 72.2 37.2 37.2 32.2 32.5 32.5 6E 18701 .3 28.6 28.6 28.5 28.5 28.5 37.8 30.8 31.9 72.2 37.2 37.2 37.5 32.5 32.5 6E 18701 .3 28.6 28.6 28.5 28.5 37.8 30.8 31.9 72.2 37.2 37.2 32.2 32.5 32.5 6E 18701 .3 28.5 28.5 28.5 28.5 37.8 30.8 30.8 31.9 72.2 37.2 32.2 32.2 32.5 32.5 6E 18701 .3 28.5 28.5 28.5 37.8 38.8 38.8 31.9 72.2 37.2 32.2 32.2 32.5 32.5 6E 18701 .7 28.5 28.5 39.3 41.7 42.4 43.4 44.1 45.1 45.4 41.4 45.4 45.4 46.1 46.1 46.1 6E 8701 .7 37.3 39.3 39.3 41.7 42.4 42.4 44.1 45.1 45.4 47.4 45.4 45.4 46.1 46.1 46.1 6E 8701 .7 37.3 39.3 39.3 41.7 43.4 43.4 44.1 45.1 45.4 47.4 45.4 45.4 46.1 46.1 46.1 6E 8701 .7 37.2 39.3 39.3 41.7 43.4 43.4 44.1 45.1 45.4 47.4 45.4 45.4 46.1 46.1 46.1 6E 8701 .7 41.0 41.0 42.4 44.1 44.1 48.	FEET	- 1	1 ~	ŧ	ε,	4	3	2 ://		1 1/2	1 1/4	i	3/4	5/3	1/2	4/16	1/4	ũ
No cett 1				 .														
Color 1.7 2.5 2.6 2.6 2.5 2.5 3.0 3.0 3.0 3.0 3.1 72 72 72 72 72 32 32 32																		
Second 13 28.5	NO CE	IL I	• 3	27.6	27.4	27.6	29.5	3 . • 2	30.2	30.2	31.2	31.5	31.45	11.5	31.5	?1.9	31.9	31.9
Second 13 28.5																		
65 10 10 1 3 2 56.9 28.5 76.9 37.2 37.6 37.8 37.8 33.8 31.9 72.2 20.2 72.2 32.2 32.2 32.5 32.5 32.5 06 10 10 10 1 3 2.6 5 28.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16	6E 271	1001	• ?	75.5	2 A .5		30.2		30 •B	30 • ⋴	9 • 1 د	72.2					32.5	32.5
6E 10001 .7 28.5 28.5 28.5 28.5 28.5 28.5 30.2 30.8 30.8 30.8 31.9 72.2 37.2 32.2 32.2 32.5 32.5 32.5 32.5 50.0 10.0 10.0 10.0 10.0 10.0 10.0 10			• 3		28.5	29.5	30.2	3∶.6	30.8		31.9	32.2			32.2		32.5	
Section Color Co	05 16	001	• 3		28.5	28 • 5	37.2	3 ∩ • 8		30.8					32 • 2		32.5	32.5
6E 1016 77 77.7 39.7 39.3 41.7 43.4 47.4 44.1 45.1 45.4 45.4 45.4 45.4 46.1 4	UE 140	i uti l			28.5		37.2							32.2				
GE 97.01 .3 29.2 39.2 39.3 41.7 42.4 42.4 44.1 45.1 45.4 45.4 45.4 45.4 45.4 45.4 45.1 45.4 45.4 45.1 45.1 45.4 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46	68 12	.051	• ₹	28.5	23.5	26 • 5	37.2	3 € • 8	3€ •8	3 ე• 8	31.0	72.2	37.2	32.2	32.2	72.5	32.5	32.5
GE 97.01 .3 29.2 39.2 39.3 41.7 42.4 42.4 44.1 45.1 45.4 45.4 45.4 45.4 45.4 45.4 45.1 45.4 45.4 45.1 45.1 45.4 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46														_	_			
GE 270 1.7 39.3 39.3 79.3 41.7 43.4 42.4 44.1 45.1 45.4 45.4 45.4 45.4 45.4 46.1																		
OE 67 70 11 7 39.3 39.3 39.4 43.4 49.1 49.1 45.1 45.1 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 45.4 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.1 46.8 46.8 46.8 46.8 46.8 49.2 52.8 52.8 52.9																		
GE 60 00 1 7 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 4 0 0 5 0																		
GE 50 or 1 .3 46.8 46.5 46.8 49.2 50.8 50.8 51.6 52.5 52.9 57.9 52.9 53.6 53.6 53.6 53.6 53.6 53.6 53.6 53.6 55.2 52.2 52.9 53.9 54.2 54.2 54.9 54.9 54.2 54.9										_								
EE 4501 .7 4841 48.1 57.5 52.2 52.2 52.2 53.9 54.2 54.2 54.2 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 56.0 55.6 55.6 55.6 55.6 55.6 55.6 56.0 58.0 58.0 57.5 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 67.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.3 60.2 60.3 60.	GE G	.6.1	• 1	4	40,0	40 • G	42.4	44.1	44.1	44.7	45.8	46 • 1	47 + 1	46.1	46.1	46.8	45.8	46. H
EE 4501 .7 4841 48.1 57.5 52.2 52.2 52.2 53.9 54.2 54.2 54.2 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 54.9 56.0 55.6 55.6 55.6 55.6 55.6 55.6 56.0 58.0 58.0 57.5 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 57.6 67.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.3 60.2 60.3 60.	r = 50	1	. 3	06.9	46 5	444	40.2	t a	57.0	5. .		E 2 C	65.0	570	6.2 D	57 4	6.7.4	5.1.6
GE 4/1 071 .7 51.2 51.2 51.2 53.6 55.6 55.6 56.3 57.2 57.6 57.6 57.6 58.3 58.3 58.3 58.3 58.3 58.6 55.9 58.0 58.0 58.6 59.7 60.0 6.1 60.0 60.7 70.7 70.7 7														-				
68 35 071																		
GE 71 J 21 .? 95.9 55.0 55.7 58.3 60.2 60.3 61.0 62.0 62.4 62.4 62.4 62.4 63.1 63.1 63.1 63.1 63.1 63.1 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4 63.1 64.1 74.4 68.4 64.4 64.1 74.4 68.4 64.4 65.4 65.1 65.1 65.1 67.1 67.1 67.1 67.4 67.4 68.8 69.2															-			
GE 27 0 71 -3 58 1 59 0 60 0 70 0																		
GF 2007 .? 62.0 62.0 62.0 65.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.2 69.	00	0.1	• •	, 3. ,	3	33.,	3.1 • 3	00.0	00.0	01.0	02.0	112 4 7	5, ••		02.04	03.1	0,11	03
LF 2007 .? 62-0 62-0 62-0 62-0 62-0 65-1 67-1 67-1 67-1 67-1 67-1 67-1 67-1 67-1 67-1 67-1 67-1 67-1 67-1 67-1 67-2 69-2 69-2 69-2 69-2 69-2 71-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-3 77-	6E 21	10.11	. 3	5 3.	59.0	58.0	67.3	€ 2 . 4	62.4	63.1	64.1	£4.4	50.4	7,4.4	64.4	65.1	65.1	65.1
GE 18.01 .7 63.7 63.7 63.7 67.1 69.2 69.2 69.8 70.8 71.2 71.3 71		subj.		52.1	62.0	62.3	65.1	67.1	67.1	67.8							69.8	69.8
SE 12-14 33 60-1 60-1 60-1 71-7 74-6 74-6 74-6 75-3 76-6 76-6 76-6 76-6 77-3 77-7 77-2 77-																		
GE 12/31 .7 71.9 71.9 75.9 79.7 79.7 79.7 81.0 62.0 62.4 A7.4 82.4 82.4 83.1 83.1 83.7 GE 9.071 .7 72.2 72.2 72.2 76.3 81.3 81.7 82.7 83.1 63.1 83.1 83.7 83.7 83.1 63.1 63.1 83.7 83.7 83.1 63.1 63.1 83.7 83.7 83.1 63.1 63.1 83.7 83.7 83.1 63.1 63.1 83.7 83.7 83.1 63.1 63.1 83.7 83.7 83.1 63.1 63.1 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 86.8 87.2 89.2 <td>6E 15</td> <td>1.51</td> <td>• 3</td> <td>65.4</td> <td>55.4</td> <td>65.4</td> <td>63.0</td> <td>7:.2</td> <td>71.2</td> <td>71.9</td> <td>72.9</td> <td>73.2</td> <td>73.2</td> <td>73.2</td> <td>73.2</td> <td>73.7</td> <td>73.9</td> <td>73.9</td>	6E 15	1.51	• 3	65.4	55.4	65.4	63.0	7:.2	71.2	71.9	72.9	73.2	73.2	73.2	73.2	73.7	73.9	73.9
OE OUT .7 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.3 82.7 82.7 83.1 63.1	∍E 1.	1	• 3	40.1	62.1	60.1	71.7	74.6	74 .6	75.3	76.3	76.6	76.6	76.6	76.6	77.3	77.3	77.3
OE OUT .7 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.2 72.3 82.7 82.7 83.1 63.1									_									
GE 6 71 .7 73.6 73.9 73.6 73.3 62.7 82.7 84.4 85.4 96.1 86.1 86.1 86.8 86.8 86.8 87.2 82.7 82.7 82.7 84.4 85.4 96.1 86.1 86.1 86.8 86.8 87.2 82.7 82.			• 7			71.9	75.9		79.7	81.0	¤2•ċ	F ? • 4	F 4	9.2 . 4	82.4	83.1	83.1	83.1
UE 7 C T .7 7 4 L 74 L				72.2		72.2	76.3	8 (• 3	87.3	91.7	82.7	83.1	e 7 • !	93.1	83.1	P 3 • 7	83.7	83.7
E6 6021 .7 74.6 74.6 74.6 74.6 60.0 60.0 65.1 85.1 68.5 93.2 91.5 91.5 91.5 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.5 92.6 91.5 91.5 91.5 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.5 92.6 92.			• 7		7 ! .5	73.6		62.7	82.7	P4.4	85.4	96.1	of • 1	°6.1	86.1	°6.8	66.8	86.8
UE			. 7		74.:	74.2	79.3	ેવ • 4	84.4	86.8	87 • 9	99.5	H 0 * 5	° 3 • 5	88.5	89.2	89.2	89·2
GE 4.71 .7 74.9 74.9 74.9 74.9 81.0 86.8 87.1 90.5 93.6 95.6 97.6 95.9 95.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 98.0 98.0 98.3 96.3 96.9 96.9 96.9 98.0 98.0 98.3 96.9 96.9 96.9 98.0 98.0 98.3 96.3 96.9 96.9 96.9 98.0 98.0 98.3 98.3 96.9 96.9 96.9 98.0 98.0 98.3 99.0 96.9 96.9 98.6 99.0 98.0 98.6 99.0 98.6 99.0 98.6 99.0 98.6 99.0 98.6 99.0 98.6 99.0 99.0 98.6 99.0 98.6 99.0 98.6 99.0 98.6 99.0 99.0 98.6 99.0 98.6 99.0 98.	i.f. t	-31	• 7	74.6	74 .4	74.5	67.5	c 5 • 1	85.1	68.5	93.2	91.5	91.5	21.5	91.5	25.5	92.2	92.2
GE 4.71 .7 74.9 74.9 74.9 74.9 81.0 86.8 87.1 90.5 93.6 95.6 97.6 95.9 95.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 96.9 98.0 98.0 98.3 96.3 96.9 96.9 96.9 98.0 98.0 98.3 96.9 96.9 96.9 98.0 98.0 98.3 96.3 96.9 96.9 96.9 98.0 98.0 98.3 98.3 96.9 96.9 96.9 98.0 98.0 98.3 99.0 96.9 96.9 98.6 99.0 98.0 98.6 99.0 98.6 99.0 98.6 99.0 98.6 99.0 98.6 99.0 98.6 99.0 99.0 98.6 99.0 98.6 99.0 98.6 99.0 98.6 99.0 99.0 98.6 99.0 98.6 99.0 98.			-	•		•												
6E 10.1 7 74.9 74.9 74.9 74.9 87.8 91.2 94.2 95.6 97.6 98.9 98.0 99.0 6E 7.1 74.9 74.9 81.4 87.1 87.8 91.2 94.2 96.6 97.6 97.6 97.6 99.0 100.0 6E 41 7 74.9 74.9 74.9 87.1 87.8 91.2 94.2 96.6 97.6 97.6 97.6 98.6 99.0 100.0													-					
UE 0.731 .7 74.9 74.9 74.9 61.4 97.1 87.8 91.2 94.2 96.6 97.6 97.6 97.6 98.6 99.0 UE 10.1 .7 74.9 74.9 74.9 87.4 87.8 91.2 94.2 96.6 97.6 97.6 97.6 97.6 99.0 100.0 UE 01 .7 74.9 74.9 74.9 87.4 87.4 87.8 91.2 94.2 96.6 97.6 97.6 97.6 98.6 99.0 100.0			-															
6E 101 .7 74.9 74.9 74.9 81.4 27.1 87.8 91.2 94.2 96.6 96.6 97.6 97.6 97.6 99.0 100.0 6E 91 .7 74.9 74.9 74.9 81.4 87.1 87.8 91.2 94.2 96.6 97.6 97.6 97.6 98.6 99.0 100.0						-												
UE 1 .7 74.9 74.7 74.9 F1.4 87.1 87.8 91.2 94.2 96.6 94.6 97.6 97.6 98.6 99.0 100.0																		
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1:5	0.1	• 1	74.5	14.5	74.9	81.4	F 1 . 1	87.5	91.2	94.2	76.6	96.6	₹7.6	97.6	95.6	44.0	100.0
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	i:F	9.1	. 7	74.0	74.5	74	F 1 . 6	87.1	H7 - F	21. 2	30. 7	26.4	94.4	97.6	97.6	9 A A	99.6	100-0
			•	, 40 7												•		

DE UCHAL CLIMATOLOGY BRANCH DE NCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VEHSUS VISIBILITY USAFETAG FROM FOURLY OBSERVATIONS ALT WE ATHER DERVICE/MAC

514	111	IN NO	UMPER:	275950	STATE	SHAN AC	KAZA	N USSR					rerion	OF PECC	ORO: 78-	-87		
													MONTH	: ^CT	HOURS	(LST):	ALL	
	• • • •		• • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	
	IL IA		,	C.F			_				IN STATE							
	ET.		(. <u>;</u> ~	i,	5 E	GE .	GE 3	0F 2 1/2	6 E	GE 1 1/2	GE 1 174	G E 1	7/4	Gf S/P	GE 1/2	30 5/16	5E 174	GE D
						· ·						-	-					
						••••	-											
ИЭ	CCI	ri L	• 7	2 2.4	23.4	23.4	24.6	26.2	26.3	26.5	27.2	27.4	27.6	27.7	27.8	26.1	28.1	20.6
1.5	- ·	16-1	. ?	24.6	24.5	24.5	25.8	27.4	27.5	27.7	26.5	28.7	20.0	٦8.9	29.1	29.3	29.3	29.8
		150		2400	24.6	24.5	25.8	27.4	27.5	27.7	48.5	23.7	25.3	78.9	29.1	29.3	29.3	29.8
		100	. 2	24.6	24.6	24.5	75.8	27.4	27.5	27.7	29.5	9.7	24.4	70.7	29.1	29.3	29.3	29.8
		أأزر	. 2	24.6	24.0	24.5	25.8	27.4	27.5	27.7	28.5	28.7	24.4	78.9	29.1	29.3	29.3	29.8
		Ĭ-i		34.6	24.6	24.6	25.€	27.4	27.5	27.7	48.5	28.7	25	29.9	29.1	29.3	29.3	29.8
	•	- 1	• •			2					2003							
GΕ	1::	, _u p 1	. 2	32.7	32.0	32.8	34.8	37.1	37.1	37.7	38.6	78.9	39.1	39.3	39.4	39.7	39.7	40.2
υE		321	. 7	32.€	32.1	72.8	34.8	77.1	37 - 1	37.7	30.6	79.5	39.1	39.3	39.4	19.7	39.7	40.2
üΕ	8	521	. 2	32.€	32.5	32.8	34 . A	37.1	37.1	37.7	38.6	78 • 9	30.1	39.3	39.4	79.7	39.7	40.2
GΕ		001	. 2	32.0	32.4	32.7	34.8	37.1	37.2	37.7	38.6	18.9	3' • 1	79.3	39.5	39.7	39.7	4 C • 3
C.E.	u!	631	• 2	₹3. ∠	33.3	32.3	35.2	37.5	37.6	38.1	33.0	79.3	3 ° F	39.7	59 • a	43.1	40.1	40.6
ĿΕ	Ŧ.	1001	• :	35.8	36.4	36.9	38.9	41.3	41.4	42.0	42.9	43.2	47.4	43.6	43.3	44.1	44.1	44.6
. L.E		Să L	. 3	37.9	37.9	37.9	43.1	42.4	42.5	43.1	44.1	44.4	44.5	44.9	45.0	45.3	45.3	45.8
UE		in.	. 3	41.4	41.5	41.5	43.7	46.2	46.3	46.9	48.1	48.4	40.5	48.1	49.0	49.2	47.2	49.8
u.E.		col	. 3	43.3	4 2 . 4	43.4	45.6	40.1	48.2	48.8	49.0	50.3	57.5	53.7	50.9	51.1	51.1	51.7
1 GE		Sur l	. 7	46.4	46.4	46.4	48.6	51.4	51.5	52.1	53.3	c 3 . 6	5	54.1	54.2	54.5	54.5	55.0
0.0	-	U I	•	40.4	46.4	40.4	47.0	3114	21.2	32.1	55.5	-3.0	y • ·	74.1	74.6	.4.5	24.5	22.0
Ŀŧ	21	1.01	. 7	5 3 • 1	50.1	53.1	52.4	55.3	55 . 4	56.1	57.3	57.6	57.7	58.1	59.2	58.5	58.5	59•C
GF		Lr1	. 1	5 5 . 1	55.3	55.2	57.7	60.9	61.E	61.8	63.1	63.4	6 ~ . 7	63.6	64.0	64.3	64.3	64.8
υŧ	2.6	071	. 3	5.7.1	57.1	57.1	59.8	63.4	63.4	64.2	65.5	65.8	6 !	66.3	66 . 4	66.7	65.7	67.2
₩E	1:	1	• 3	60.2	57.4	60.4	€ 7 • 1	66.6	66.9	67.8	69. č	69.4	67.6	69.0	70.0	70.2	70.2	70.8
ĿΕ	1.	`uni	. *	64.5	54.7	64 • 7	67.8	72.4	72.5	73.5	75.0	75.4	7: . 7	75.9	76.0	76.3	76.3	76.9
G.E.	1	301	• 3	67.1	57.5	(7)	7- 0	7				79.7	70.3	30.1	0 7 7	00.	62.6	
6.5		ı ün İ		67.5	57.7	67.2 67.7	70.8	7 t • 1 7 7 • c	76.3 77.2	77.4 78.4	19.2			23.1	87.3	90.6	80.6	81.1
UE			. 7	5.5.	53.4	68.4	77.2	75.2			60.7	93.7	3 . 4	01.1	81.3	91.6	81.6	52•1 F3•7
			. 7					-	78 -4	79.9	81.7	A2.3	5.7.5	2.1	82.9	93.2	83.2	
LE LE		,	. 3	6 2 • 6 6 9 • 3	59.5	68.3	72.9	79.4	79.6	81.4	53.3	P4.5	34.2	34.5	94.7	95.0	85.0	85.5
CL		, 1	• .'	0 *• 3	09.5	49.5	74.3	61.1	61.4	84.i	67.1	°7•9	o 5 • ?	48.5	88.7	89.3	89.0	69.6
υE		15.	• 3	59.4	59.5	69.6	74.3	E 1 .8	82.1	84.5	5 . 4	9.4	9.00	95.1	90.3	92.7	95.7	91.2
LL		100	• *	57.6	67.5	69.6	74.7	82.7	87.2	86.1	9r.2	21.7	97.7	92.4	93.2	93.7	93.7	94.4
υE		110	. 7	35.7	69.7	69.7	74.9	83.0	83.5	86.6	91.	3.5	47.7	24.4	94.7	95.5	95.5	96.4
ı, f		571	. 3	t: 5.7	63.5	54.9	74.9	93.€	83.5	86.7	91.2	93.5	94.2	75.1	95.6	96.7	97.0	98.5
٤٤		1	• 3	6 3. 7	57.4	69.9	74.0	9.3.5	97.5	36.7	+1 + 2	53.5	94.4	35.2	45.7	97.0	97.4	99.7
6E		- 1	. 3	65.7	59.7	69.9	74.G	93.1	67.5	96.7	91.2	93.5	94.5	95.3	95.7	97.3	97.4	100.0
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ULOBAL CLIMATOLOGY FRANCH USAFETAC ATRIALATHER SERVICE/NAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISITILITY FROM FOUGLY OBSERVATIONS

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STA	Tien	NU	HBEP:	27595	STATI	ON NAME:	. KAZA	N USSR					BELIUN	UF IECO	ORD: 77	-B 5		
													MONTH	: NOV	HOURS	(LST): (20-000	20
	 L 1%G		• • • • •	• • • • • •	• • • • • •	• • • • • • •					IN STATE			• • • • • • •			• • • • • •	• • • • • • • • • • • •
l			GE	Gf	Gε	GE.	GE	6.5	GE	GE	GE	GE	': t	Gf	G€	GΕ	G€	6E
FE		i	10	U. U	۲,	4		£ 1/2		1 1/2		1	1/4	5/8	1/2	5/16	1/4	δ
• • • •					••••													
NO	CEIL	ı		13.2	43.1	13.2	14.2	14.9	14.9	14.9	16.3	16.7	16.7	16.7	16.7	16.7	17.0	17.4
1.1	2000	21		14.2	14.2	14.2	15.3	16.5	16.0	16.0	17.4	17.7	17.7	17.7	17.7	17.7	18.1	18.4
	1 80 0			14.2	14.2	14.2	15.3	16.5	16.0	16.C	17.4	17.7	17.7	17.7	17.7	17.7	18.1	18.4
	16			1402	14.2	14.2	15.3	16.0	16.0	16.3	17.4	17.7	17.7	17.7	17.7	17.7	18.1	18.4
	1415			14.4	14.2	14.2	15.3	16.0	16.0	16.0	17.4	17.7	17.7	17.7	17.7	17.7	18.1	18.4
	12.0			14.2	14.2	14.2	15.3	16.5	16.0	16.0	17.4	17.7	17.7	17.7	17.7	17.7	18.1	18.4
ű.	••	•			• • • • •				•:	1000	• , • .		•	•	•			
GE	1000	21		19.4	13.4	19.4	27.8	21.9	21.9	22.2	23.6	74.0	24.3	24.5	24.0	24.0	24.3	24.7
	9: 5			19.4	19.4	19.4	20.8	21.9	21.9	22.2	23.6	74 . C	24.7	24	24.0	24.5	24.3	24.7
GE	arū			19.4	19.4	19.4	20.8	21.9	21.9	22.2	23.5	24 . 5	24.7	24.3	24.3	24.0	24.3	24.7
uL.	7 1 3			19.4	9.4	19.4	23.8	21.9	21.9	22.2	23.6	24.0	4.0	24.0	24.0	24.J	24.3	24.7
t, E	600			19.4	19.4	19.4	27.8	21.9	21.9	22.2	23.6	24.0	24.5	24.0	24.0	74.3	<4.3	24.7
~ -															•			
55	5 11 21	C 1		21.2	21.2	21.2	22.6	23.6	23.6	24.0	25 • 3	75.7	25.47	25.7	25.7	25 • 7	26.0	26.4
t.E	45 _	: 1		21.2	21.2	21.2	22.6	23.6	23.6	24.0	25.3	25.7	25.7	25.7	25.7	25.7	26.0	26.4
ĿΕ	4(C	21		21.5	21.5	21.5	22,9	24.6	24.0	24.3	25.7	26.5	24.0	26.0	26.0	26.0	26.4	26.7
UE	35.0	11		32.5	22.9	22.9	24.3	25.3	25.3	25.7	27.1	27.4	27.4	27.4	27.4	27.4	27.8	28.1
t.E	30.0	01		25.7	25.7	25 . 7	27.8	28.8	28.8	29.5	30.9	31 - 3	31.7	31.3	31.3	31.3	31.6	31.9
ÜE	ر ۲۰			? 7.4	27.4	27.4	29.5	30.9	30.9	32.3	33.7	34.0	34.0	34.0	34 • C	34.0	34.4	34.7
÷Σ	2" -			7 € • 6	3 . 6	31.6	33•□	34.4	34 • 4	35. გ	37.2	37.5	37.5	37.5	37.5	77.5	37.8	36.2
158	1 P			. 2.6	32.6	32.5	35.1	36,5	36.5	37 · 6	39.2	39.6	3	39.6	39.6	39.6	30.9	40.3
G.	156			3.8.5	38.5	30.5	41.0	4 2 .4	42.4	44.1	45.5	45.8	45.42	45.8	45.8	45.8	46.2	46.5
GΕ	130	: 1		46.5	46 .5	46.5	49.3	51.C	51.0	52.8	54.9	55.2	51.2	55,2	55.2	55.2	55.6	55.9
GΕ	170	-1		64.5	54.5	54 - 5	57.6	60.1	60.1	62.8	64.9	65.3	65.3	65.3	65.3	65.3	65.6	66.D
U.S.	9	11		55.9	55.0	55.7	59.0	61.8	61.5	64.6	66.7	67.5	67.2	67.3	67.3	67.0	67.4	67.7
ÜΕ	ے ء	^ I	• ?	58.	59.	٠,٤٠,٠	61.1	64.4	64.0	63.1	76.5	70.8	7~• *:	73.8	70.8	73.8	71.2	71.5
6E		-1	• 3	50.4	59.4	59.4	63.2	67.7	67.7	71.2	74.3	74 3	74.3	74.3	74.3	74.3	74.7	75.0
ti Ł	£		• 3	50.1	53.1	50 - 1	65.5	7:.5	77.8	74.3	78.P	79.2	70.0	79.5	79.5	79.5	79.9	8 Q • 2
																-		
GΕ	7	· ·	• 3	51.1	51.1	01.1	67.0	72.2	72.6	77.1	92.6	83.C	67.7	£ 3.7	83.7	°3.7	84.0	R4.4
S€	4 _			61.8	51.5	51.00	68.1	73.3	74.3	78.8	84.4	94.7	85.49	56.5	86.5	96.5	87.2	87.5
bΕ	₹ 🖰		• 3	52.5	62.0	52.5	67.1	74.3	75.0	90.2	67.5	98.2	P = 0	92.0	92.7	93.1	93.8	94.1
1,E	35		• 7	52. n	52 • 4	62.5	€9•1	74.3	75.0	87.6	68 . 2	89.6	97.0	04.4	95.1	95.5	96.5	97.2
GE	1.0	^ l	. 3	5 2.€	62.4	62 • 9	69.1	74.3	75 .C	80.6	68.5	89.9	9.7.4	95.1	96.2	77.6	98.6	100.0
ı,Ε		٦1	. '	€ 2 × c	52.5	62 • 4	69.1	74.3	75 • C	87.6	86 • 5	63.8	7.4	95.1	96.2	97.6	98.6	100.0
• • •	• • • •	• • •	• • • • •					••••	• • • • • •				• • • • • • •	<i></i>				

GLOBAL CLIMATGLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VEHSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION N	- 2										MONTH	OF FEC	HOURS	(LSTI:	0300-05	ag
CEILING		• • • • • • •	• • • • • • •		••••	• • • • • • • • •	V 15 T	RIIITY	IN STATE	ITE Mili	r <					• • • • • • • • • • •
IN FEET	10	GE U	GE _E	GE 4	GE 3	GF 2 1/2	GE	1 1/2	GE	GE 1	5E ?/4	6f 5∕â	3E 1/2	GE 6/16	GE 1/4	GE O
*	• • • • • •		• • • • • • •		••••	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •					• • • • • • •	• • • • • • •	
NO CEIL		11.3	11.3	11.3	11.6	11.6	11.6	12.3	14.4	14.4	14.4	14.4	14.4	14.7	15.1	15.4
68 287631		12.0	12.0	12.0	12.3	12.3	12.3	13,4	15.8	15.8	15.3	15.8	15.4	16.1	16.4	16.8
6E 180 65 (12.0	12.5	12.3	12.3	12.3	12.3	13.4	15.4	15.6	16.5	15.6	15.9	16.1	15.4	16.8
UE 16-001		12.0	12.3	12.5	12.3	12.3	12.3	13.4	15.5	15.8	11.2	15.8	15.3	16.1	15.4	16.8
GE 14" LI		12.3	1 ? • -	12 · J	12.3	12.3	12.3	13.4	15 · č	15.5	1: • =	15.8	15.8	16.1	16.4	1 t . 8
GE 120 001		12.0	12.5	12.3	12.3	12.3	12.3	13.4	15.3	15.8	1 ° • °	15.8	15.9	16.1	16.4	16.8
08 100001		18.2	13.2	18.2	12.2	19.2	19.7	20.5	23.3	23.3	27.3	23.3	23.3	73.6	24.C	24.3
6E 9 61		18.2	18.2	18.2	19.2	19.2	19.2	20.5	23.3	23.3	27.1	23.3	23.3	23.6	24.0	24.3
6E 9" 30		10.2	18.2	18.2	19.2	19.2	19.2	20.5	23.3	23.3	27.3	23.3	23.3	23.6	24.0	24.3
6E 7~u)		18.2	18.2	18.2	19.2	19.2	19.2	20.5	23.3	23.3	27.7	.3.3	23.3	?3.6	24.0	24.3
0E 67001		18.2	19.2	18.2	19.2	19.2	19.2	23.5	23.3	23.3	27.3	23.3	23.3	23.0	24.0	24.3
LE SOURT		17.7	17.9	19.9	29.9	20.9	20.9	22 . 3	25 . 7	25 • C	4.	25.5	25 • 3	25.3	25.7	26.0
UE 45.71		5 C. Q	27.9	20.9	21.9	21.9	21.9	23.3	26.0	26.2	25.00	26 .	26.7	26.4	26.7	27.1
GE 47001		21.2	21.2	21.2	22.3	22.3	22.3	23.6	26 . 4	26.4	25.4	26.4	26.4	26.7	27.1	27.4
- ΒΕ - 3 5 (κα)		21.9	21.9	21.9	22.9	22.9	22.9	24.7	27.4	?7.4	27.4	27.4	27.4	27.7	28.1	28.8
UE 3″ U? [₹ 3• 3	23.5	23.3	24.7	24.7	24.7	26.4	29.1	29 • 1	27.1	_ 7.1	29.1	29.5	29.8	30.5
6E 35 (31		24.4	26.4	26.4	27.7	27.7	27.7	29.5	32.5	72.5	37.5	12.5	32.5	77.9	33.2	33.9
0E 2 901	•	11.2	31.2	31.2	32.5	32.5	32.5	34.6	37.7	77.7	37.7	27.7	37.7	38.0	38.4	39.0
0E 1511		12.5	32 • 1	32.5	33.9	33.9	33.9	35+0	39.5	79.0	35.0	300	39.0	34.4	39.7	40.4
GE 15431		. 37.	37.	27	38.7	3 E . 7	38.7	4 D • 8	43,9	43.5	47.2	43.0	43.8	44.2	44.5	45.2
σE 10-01	.*	44.2	44.2	44.2	45.9	46.6	46.6	48.6	51.7	c.S.1	5~.1	52.1	52.1	52.4	52.7	53.4
6E 11 J.L		45.7	49.7	49.7	51.4	52.4	52.4	55.5	59.2	59.€	54.6	19.6	59.6	59.9	63.3	61.0
6E 5011		7.201	5 ? • 1	52 - 1	53.8	5 5 • 1	55.1	58.2	62.5	62.3	62.7	62.3	62.3	62.7	63.0	63.7
UE SUT		53.€	53.4	53.6	55.8	57.9	57.9	61.3	65.1	65.4	ود و د	55.4	65.4	65.8	66.1	66.8
6E 7051		54.5	54.5	54 . ċ	57.5	5 9 . 6	59.6	63.4	67.5	68.2	t 6	. 4	68.2	60.5	68.80	69.5
CE 6 ii.il	• 3	56.0	56.8	56.6	61.0	63.4	67.4	68.5	13.3	74.3	74.	74.3	74 . 3	74.7	75.€	76.0
6E 5	• ?	57.5	57.5	57.5	61.6	64.6	64 • C	69.9	76.0	77.4	77.4	77.4	77.4	77.7	79.1	79.1
υ£ 4 ∈ ; [. 3	5 B. C	53.2	58 • 2	62.7	66.4	66.8	73.3	80.1	22.9	87.7	93.9	84.2	P4.6	84.9	86.J
0E 353	• ?	5 30 6	53.6	56.6	64.7	68.5	69.2	76.0	63.2	P7.7	5 F . 7	# Q	39.4	95.1	91.1	92.5
6E 0.00[• ?	53.6	5.8 +5	58 • 5	64.0	66.5	69.2	77.1	65.2	74.1	90.4	41.4	35.8	94.9	96.6	98.3
GE 1.01	• 3	58.5	59.6	58.6	64.0	6 # • 5	69.2	77.4	85.6	≃ ິ . 4	40.4	91.h	93.5	96.2	97.9	100.0
GE -1	-	53.6	59.6	58.6	64.0	68.5	69.2	77.4	85.6	90.4	9/.4	91.8	93.5	96.2		100.0

TOTAL HEMBER OF OBSERVATIONS: 272

GLOBAL CLIMATOLOGY BRANCH USAFETAC AI? NEATHER SERVICE/MAC

PERCENTAGE FREWLENCY OF OCCURPENCE OF CEILING VEHICLS VISILILITY FROM HOURLY CUSFRYATIONS

FET100 OF FECORD: 77-86

STATION NUMBER: 27595" STATION NAME: KAZAN USSR

• • • • • • •	 .										MONTE			(LST): .		
LING									IN STATE							
N L	GE	GE	GE	GE	GE	G۴	GŁ	GE	GE	GE	r E	GF	GΕ	ō٤	GE	GE
	10	Ł	5	4		2 1/2		1 1/2		1	1/4	510	1/2	5/16	1/4	(
• • • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	••••
CLIL		15.4	11.4	10.4	13.4	10.4	17.4	10.8	11.5	12.2	17.2	12.2	12.2	12.2	12.5	12.0
200001		:1.5	11.5	11.5	11.5	11.5	11.5	11.5		13.2	11.2	13.2	13.2	13.2	13.5	13.
165351		11.5	11.5	11.5	11.5	11.5	11.5	11.8	12.5	13.2	17.7	13.2	13.2	13.2	13.5	13.
16 10 1		11.5	11.6	11.5	11.5	11.5	11.5	11.8	12.8	13.2	11.2	13.2	13.2	13.2	13.5	13.
14 001		11.5	11.1	11.5	11.5	11.5	11.5	11.5	12.8	13.2	17.5	13.2	13.2	13.2	13.5	13.
12: 001		11.5	11.5	11.5	11.5	11.5	11.5	11.8	12.9	13.2	17.7	13.2	13.2	13.2	13.5	13.
												_				
10000	• 5	17.4	17.4	17.4	18.1	1 6 . 6	18.8	19.4	23.5	21.5	-1.5	71.5	21.5	21.5	21.9	22.
9 15 l	• 3	17.4	17.4	17.4	18.1	18.6	19.8	19.4	20.5 20.5	21.5 21.5	21.5	21.5	21.5	21.5 21.5	21.9	22.
7: (2)	• 3	17.4	17.4 17.4	17.4 17.4	18.1 18.1	18.8 18.8	18 •8 18 •8	19.4	20.5	21.5	21.5	21.5	21.5	21.5	21.9	22.
67001	• 3	17.7	17.7	17.7	18.4	19.1	19.1	19.8	20.5	21.9	21.0	21.9	21.9	21.9	22.2	22.
0 301	• •	• • •	• • •		• 0 • •	. / • •	• • • •	• / • 0			211	,		,		
5(1)	. 3	18.4	19.4	13.4	19.1	19.6	19.3	20.5	21.5	22.5	27.0	22.9	22.9	22.9	23.3	23.
45 0.11	. ?	18,4	19.4	18.4	19.1	19.8	19.8	20.5	21.5	22.9	£2.3	22.9	22.9	72.9	23.3	23.
41 531	. 3	i se d	19.8	16.6	19.4	20.1	20.1	20.5	21.9	23.3	21.1	23.3	23.3	23.3	23.6	24.
35 001	• 3	17.4	17.4	19.4	20.5	21.2	21.2	21.9	22.9	24.7	24.7	24.7	24.7	24.7	25.0	25.
30001	• 3	21.5	21.5	21.5	55.3	24.0	24.0	24.7	25.7	27.4	27.4	27.4	27.4	27.4	27.B	28.
25 %.1	. 1	24.6	29.0	24.5	26.0	27.1	27.1	27.8	28.8	30.6	50.6	33.6	30.6	₹8.6	30.9	31.
210 1	. 3	27.6	27.6	27.8	37.2	31.3	31.3	31.9	33 € 0	75.1	35 • 1	35.1	35.1	75.1	35.4	35.
18,34	• 7	27.02	37.2	30.02	32.6	3 2 • 7	33.7	34.4	35.4	77.5	37.5	31.5	37.5	37.5	37.8	38.
15 2 11	. 7	3.3 ⋅ 3	33.3	ڏ • 33	35.0	36.8	36 .5	37.5	38.5	49.6	4 ~ . /.	40.6	47.6	40.6	41.0	41.
10001	• 7	37.2	37.0	39.2	42.5	44.1	44 • 1	45.1	46.2	48.6	40.6	48.5	48.6	48.6	49.0	49.
11401	. 7	44.4	44.4	44.4	47.2	5 i • 3	50.3	51.7	52.8	55.6	56.6	55.6	55.6	55.6	55.9	56.
9.01	. 7	4 5	45.2	46.2	49.7	5 , 1	53.1	54.5	55.6	58 • 3	50.7	59.3	58.3	50.3	59.7	59.
2 1 1	. 7	47.6	47.0	47.6	51.4	54.9	55.7	56.9	58.0	61.1	61.1	61.1	61.1	61.1	61.5	61.
7511	. 7	49.7	47.7	5.3•€	54.5	5 5 - 3	58.7	63.4	62.5	65•€	65.6	65.6	65.6	65.6	u6 • E	66.
6.511	• 7	· 1.7	5 ! • 7	c5 • 1	57.3	6 l • b	67.2	65.6	68.1	71.9	12.2	72.2	72.2	72.2	72.6	72.
ان. ۲	. 7	52.1	5.2 +1	52.4	59.4	64.2	64.9	68+8	73.3	77.4	77.8	78.1	79.1	78.1	78.5	78.
41	1.6	53.5	53.5	53.6	61.1	61.3	67.5	71.5	77.1	92.3	57.0	¥ 3 . 7	83.7	94.0	84.4	84.
7 _ 1	1.^	* 3. P	53.4	F4 . 2	67.5	61.7	60.9	74.0	83.2	95.4	42	99.9	89.2	99.6	89.9	90.
7221	1.€	5 3	53.	54 . 2	€2.5	€7.7	68 • n	75∙ 3	51.3	°7•2	85.2	42.n	93.1	٥٠٠٥	75.8	97.
1.31	1 • C	- 3, b	53.0	"4	62.5	67.7	6° • 8	75. Ü	61.3	97.7	80°J	72.4	93.ª	96.9	97.6	100.
2.1	1.6	53.€	53.8	44.2	62.5	67.7	69.8	75. J	81.3	P7.2	89.1	72.4	93.8	96.9	47.6	100.

TOTAL NUMBER OF OBSERVATIONS: 251

10 C

+ C_2 . (:

17

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VIRIBILITY FROM HOURLY θ_0 Servations

ST	ATION N	UMBER:	27595	5 1 A 1 1 C	II NOME:	KAZA	IN ESSR					PETICO MONTH		JRD: 77 FOURS	-86 (LST):	a9aa-11	co
		• • • • • •	• • • • • • • •						011 17 4	IN STATE				• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••••
	ILING IN	GE	GF	G.E.	ú۴	GE	GF	Q F A 1 2 F	GE	GE	GE - IC	E3 Gt	Gį	G E	٥E	GE	GE
	EET I		υ (5	4		2 1/2		1 1/2		1	3,4	υ/σ	1/2	1/16	1/4	۵
													1.1 0				
NO	CLIL	. 4	10.0	10.5	16.0	19.6	16.7	17.7	10.7	11.5	11.0	11.7	11.0	11.7	11.0	11.0	11.0
GΕ	260,001	. 4	13.7	10.7	13.7	10.7	11.7	11.7	11.7	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
ωf.	ieruni	. 4	10.7	10.7	10.7	10.7	11.7	11.7	11.7	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
68	160001	. 4	12.7	10.7	10.7	10.7	11.7	11.7	11.7	12.1	12.1	17.1	12.1	12.1	12.1	12.1	12.1
ьE	14:001	. 4	10.7	10.7	13.7	10.7	11.7	11.7	11.7	12.1	12.1	12.1	12.1	12.1	i i	12.1	12.1
	12:501	. 4	13.7	17.7	10.7	10.7	11.7	11.7	11.7	12.1	12.1	1	12.1	12.1	12.1	12.1	12.1
υE	197601	. 4	17.8	17.6	17.8	19.5	20.3	20.3	21.4	22.4	22.9	23.1	23.5	23.5	23.5	23.5	23.5
65	97 501	. 4	17.0	17.ê	17.0	18.5	20.3	27.3	21.4	22.4	22 • 8	1 - 1 ع	23.5	23.5	73.5	23.5	23.5
ĿΕ	61.341	. 4	17.8	17.5	17.8	18.5	20.3	20.3	21.4	22.4	?2 ⋅ ₺	2 5 . 1	23.5	23.5	23.5	27.5	23.5
ijΕ	70.001	. 4	17.8	17.8	17.5	18.5	26.3	20.3	21.4	22.4	72.4	27.1	23.5	23.5	23.5	23.5	23.5
ьE	60,001	. 4	17.8	17.8	17.6	18.5	23.6	6• 15	21.7	22.8	23 • 1	23.4	23.8	23.8	23.8	23.8	23.8
GΕ	50 501	. 4	13.6	19.6	19.5	27.3	22.4	22.4	23.5	24.6	24.9	25.3	25.s	25.6	25.6	25.6	75.6
68		. 4	26.0	20.0	20.6	21.4	23.5	23.5	24.6	25.6	26.	20.1	26.7	26.7	26.7	26.7	
6E		. 4	22.4	22.4	22.4	23.1	25.3	25.3	26.3	23.0	28.1	20.1	28.6				26.7
5 E		. 4	72.4	22.4	22.4	23.1	25.3	25.3	26.3	27.4	28.1	29.5	28.8	29.8 29.9	28.8 28.8	24.8	28.8
LE		. 4	23.1	23.1	23.1	23.8	26.0	26.9	27.4	28.5	29.7	53.0				28.8	28 · B
UE	3	• •	5. 20. 7	()	23.1	_ 3 • 3	20.0	26.9	2104	€0.5	79.2		29.9	29.3	29.9	29.9	29.9
'nΕ	25,31	. 4	24.6	24.5	24.6	25.3	27.4	27.4	28.5	20.9	30 • 6	31.0	31.3	31.3	71.3	31.3	31.3
GE	21,001	. 4	29.0	30.	30.2	31.7	34.5	34.5	35.6	37.3	77.7	39.1	14.4	39.4	79.4	39.4	38.4
ьE	161	. 4	31.7	37.	52	33.5	3€.7	35 • 7	27.7	39.5	49.2	47.6	40.0	47.3	47.9	40.9	46.9
65	15001	. 4	34. 4	25.2	75 - 2	26.7	46.2	45.2	41.3	47.1	43.6	99 1	44.5	44.5	44.5	44.5	44.5
üΕ	17.001	. 4	39.9	40.2	45	42.3	46.6	45.6	47.7	49,8	F	51.	54.6	51.6	51.6	51.6	51.6
_																	
υE		• 4	4 1	43.5	43 • 8	47.3	52.3	52.3	53.4	56.2	58.0	52.4	56.7	58.7	c8.7	50.7	58.7
bE	9.921	. 4	4 3. 1	44.5	44.5	49.4	53.7	53.7	55 • 5	55 • 4	65.1	6 ° • °	63.9	67.9	€ ३.5	60.9	€ 0.9
6 E	5.07	. 4	45.6	47.3	47.3	51.2	57.3	57.3	59.1	61.9	43.7	64.1	64.4	64.4	64.4	64.4	54.8
IJΕ	71101	. 4	47.3	4 R .C	48.	52.7	59.4	59.4	61.2	64.P	66.5	61.5	67.3	57.3	67.3	67.3	67.6
(,E	6.004	. 4	4 6 • 4	50.42	53.6	54.4	63.3	63.7	66.9	71.9	74.4	7.1	75.4	75.4	75.0	75.8	76.2
üΕ	6.324	. 4	4 8 • 8	50.5	50.5	55.5	65.5	65.8	69·8	75.9	73.3	72.4	د د ا ۹	80.1	P 3 . 4	80.4	81.1
υE	4 (0)	, 4	49.6	5 . 6	51 - 6	56.9	67.3	68.0	73. U	8C • 8	83.3	54	85.4	85.8	26.8	86.8	87.9
ÚΕ	1171		49.8	51.6	51.6	57.3	66.6	69.7	74.4	62.6	25.8	97.7	99.3	89.7	93.7	91.1	92.5
GF	- 1	. 4	49.8	51.6	51.6	57.7	6 E • 3	69.4	74.7	83.1	P6 . B	, a , n	71.1	92.5	94.3	94.7	97.9
SE	1301	4	49.6	51.6	51.6	\$7.7	60.3	69.4	75.1	83.6	87.2	82	91.5	92.9	94.7	95.0	106.0
Ŀξ	:1	. 4	45.8	51.0	51.6	57.7	66.3	69.4	75.1	63.6	87.2	50.	91.5	92.9	94.7	95.0	100.0

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICEMME

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VICE ILITY FROM HOURLY $\theta_0 S$ Frations

STA	TION N	U™⊬ւթ:	27575	STATE	AN NAME:	KAZI	AN USSR						UF 160		-86 (LST1:	1200-14	co
																	*
	LING									IN STATE			_		_		
F E I		GE 1 n	GE.	0.E	GF 4	66	LE	G E	GE	GE	GE.	(1	G ¢	G€	üΕ	GE	45
			-				2 1/2		1 1/2				5/8	1/2	r/16	1/4	0
•••	• • • • • •	• • • • • •		• • • • • • •										• • • • • • •		• • • • • • •	
NO H	CEIL I	• 3	14.5	14.5	14.5	14.9	15.6	15.6	15.6	15.3	16.3	16.7	16.3	16.3	16.3	15.3	17.3
	aum an L	. ?	15.5	15.0	15.5	15.9	17.0	17.3	17.6	17.3	17.6	17.6	17.5	17.5	17.6	17.6	16.7
	โล้กจักไ		15.6	15.0	15.0	15.9	17.0	17.0	17.0	17.3	17.6	7.6	17.6	17.6	17.5	17.6	16.7
	16, 501	. 3	15.6	15.6	15.6	15.9	17.0	17.0	17.0	17.3	17.6	17.0	17.€	17.6	17.6	17.6	18.7
	4001	• 3	15.6	15.6	15.6	15.9	17.0	17.6	17.5	17.3	17.6	1	17.5	17.6	17.6	17.6	16.7
	121001	• 3	15.6	15.5	15.5	15.9	17.0	17.0	17.U	17.5	17.6	17.4	17.6	17.5	17.6	17.6	18.7
		_															
	10007	• ?	23.2	23.2	23.2	24.5	26.3	26.3	26.3	27.7	28.0	20.0	28.0	29.0	28.3	28.0	29.1
(.E	5000F		23.2	23.7	23.2	24.6	26.3	26.3	26.3	27.7	28.0	20.7	. 9. 3	28.0	?a.0	28.0	29.1
0.E	6700	• ?	23+2	23.7	23.2	24.5	26.3	26.3	26.3	27.7	28 • C	2	28	28.3	7e.J	20.3	29.1
UL	77 05	• 3	23.2	23.0	23.2	24 • 6	26.3	26.3	26 • 3	27.7	3.0	23.0	`a.,	28.0	28.0	29.0	29.1
GΕ	6" J") [• 3	23.2	23.2	23.2	24.5	26.3	26 • 3	26.3	27.7	28.0	10.0	28.3	29.0	26.0	24.5	29.1
LE	57601	• 3	23.2	23.2	23.2	24.6	26.3	26.2	26.3	27.7	28.7	26.3	28.5	23.0	28.0	23.0	29.1
GΕ	45 (6)	. 3	73.5	23.5	23.5	24.9	26.6	26 .€	26.6	28.7	28.4	0.4	. 9 . 4	28.4	79.4	29.4	24.4
CE	47 67	• 3	24.6	24.6	24 • 6	26.0	27.7	27.7	27.7	29.4	29.8	29.5	19.8	29.8	79.8	29.8	30.8
ÜΕ	35 471	• ?	24.9	24.9	24.9	26.3	28.0	28.0	28.0	29.8	70.1	5 ^ • 1	19.1	30.1	70.1	37.1	31.1
GΕ	300.1	. 3	27.7	21.1	27.7	27.1	30.8	33.9	30.8	32.5	*2 • 5	37.7	32.9	32.9	32.9	32.9	33.9
úξ	25 00 1	• 3	35.4	37.4	33.4	32.5	34.9	34.9	34.9	36.7	77.2	37.5	37.2	37.0	77.0	37.0	36.1
υE	2 : 01 1	,	75.3	35.5	35 • 3	37.4	40.5	40.5	40.5	42.2	42.9	4 .	42. 7	42.9	42.9	42.9	43.9
G.E	10	. 3	37	37	37.	39.1	42.2	42.2	42.2	43.9	44.E	44.7	44.6	44.6	44.6	44.6	45.7
L.E	15	• 3	4 1.6	4 7 .5	43.5	43.3	47.8	47.8	47.8	50.2	50.9	51.	7.5	51.2	51.2	51.2	52.2
υ£.	10001	• 7	45.7	45.7	45.7	48.4	5 3 . 6	53.6	53.6	56.7	57.4	5-4	57.8	58.1	58.1	59.3	59.2
	insat	,															
G€ GE	4 5 5	. 7	47.8 49.5	43.4	43.4	51.4	5 5 - 1	58 - 1	58.1	61.2	61.9	61.9	12.3	62.6	52.6	52.6	63.7
'JE	9 to 1		11.6	50.2	50 • 2	54.3	61.9	60.9	60.9	64 • €	54.7	04.7	F5 • 1	65.4	65.4	65.4	66.4
				52.	52 • 2	56.4	62.3	62.3	63.3	67.1	57.8	67.	48.2	68.5	63.9	69.9	69.9
GE GE	767	• 7	52.6 54.7	53.3 55.4	03.3 95.4	57.4	65.1 65.9	65 • 1	55 · 1	67.6	70.0	77.	73.6	77.3	71.3	71.3	72.3
U.E.	, ()	• 1	54.1	55.4	25.4	6 1.9	67.4	69.9	7 is 2	76.1	77.5	77.5	77.5	78.2	78.5	79.5	79.6
υL	١٠:١	. ?	: 5.4	55.4	56.4	61.7	7 3	72.3	73.0	77.2	99.6	80.4	81.0	81.3	P1 • 7	81.7	82.7
6.F	ا ران ع	. 7	= 5.4	55.7	56 • 7	67.6	75.1	75 • 1	76.1	84 • A	96.5	80.5	07.0	87.5	P8.2	88.2	89.3
CF	1.21	. 7	55.4	57.1	57.4	63.3	71.5	76 . 5	78.2	66.7	90.3	20.7	91.7	92.7	94.1	94.1	95.2
UE	1421	. 7	50.4	57.1	57.1	€3.3	76.5	76.5	78.2	s6.9	21.1	7:."	93.1	74.1	25.5	95.5	97.6
tsΕ	1-11	. 7	15.4	57.1	57.1	62.3	76.5	76 •5	78.2	At. 9	91.0	91.0	63.1	74.1	95.9	96.2	100.0
1, E	: 1	. 7	55.4	57.:	5.7.4	67.3	71.5	76.5	76.2	86.5	91.3	91.0	43.1	94.1	°5.a	96.2	100.0
												,					

GLOWAL CLIMATOLOGY REANCH USAFETAC

PERCENTAGE EXECUTERCY OF OCCURRENCE OF CEILING VERSUS VICIBILITY FROM FOURLY OBSERVATIONS

PERION OF RECORD: 77-86
MOUTH: NOV HOURS(EST): 1900-1700

98.0 100.0

ATR WEATHER SPRVICE/MAG

STATION NUMBER: 27595 " STATION NAME: KAZAN USSR

CEILING	•••••	• • • • • • •		• • • • • •			BILITY				• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •
IN 1 GE FEET 1 12	GF (CE ₅	6F 4	GE 3	GE 2 1/2	G£	GE 1 1/2	GE	GE 1	9E 1/4	61 5 / 6	SE 1/2	6F 5/16	GE 1/4	GE D
		• • • • • •	• • • • • • •		• • • • • • •	• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • •	
NO CETE !	14.0	14.5	14.5	15.0	15.6	15 • 6	15.6	15.5	16.6	16.5	16.0	16.0	16.0	16.0	16.0
PE 50000)	16.7	16.7	16.7	17.	17.7	17.7	17.7	17.7	13.0	19.7	16.3	18.7	10.4	18.4	18.4
GE 180 UD	16.7	16.7	16.7	17.0	17.7	17.7	17.7	17.7	19.0	19.7	18.0	18.3	14.4	18.4	16.4
6E 161651	16.7	1 t • 7	16 • 7	17.0	17.7	17.7	17.7	17.7	18.5	13.0	18.,	18.7	18.4	18.4	16.4
UC 147 US [15.7	16.7	16.7	17.C	17.7	17.7	17.7	27.7	18 . 0	10.	10.3	19.0	18.4	18.4	18.4
uE 127∪ 7	10.7	16.7	16.7	17.€	17.7	17.7	17.7	17.7	18.0	13.7	15.0	18.7	18.4	18.4	18.4
WE ICTORI	23.5	27.5	23.5	24.8	26.2	26 • 2	26.2	26.5	26.9	, , ,	76.9	26.7	27.6	27.6	27.6
งย์ 9กอิกไ	2 2.5	27.5	23.5	24.5	26.2	26.2	26.2	26.5	26.9	26.0	^6.9	25.9	27.6	27.6	27.6
GE 8 311	23.1	2.7	23.5	24.8	26.2	26.2	26.2	26.5	26.9	26.0	26.9	26.9	27.6	27.6	27.6
GE 7menl	23.5	27.6	23.5	24.8	26.2	26.2	26.2	46.5	26.9	6.4	26.9	26.3	27.6	27.6	27.6
SE COUNT	23.0	2.T∙h	23.5	25.2	2€.5	26.5	26.5	26.9	27.2	27.	~7.2	27.2	27.9	27.9	27.9
GE ROLDY	2.3• #	23.6	23.8	25.5	26.9	26.9	26.9	27.2	27.6	.7.6	27.6	27.6	28.2	25.2	28.2
uέ 45.01	24.5	20.5	24.5	24.2	27.6	27.6	27.6	27.9	28.2	, a , ¬	78.2	28.2	78.9	28.9	26.9
SE 450SÎ	5 5 5	25.5	25.5	27.2	26.6	28.6	28.6	28.9	79.5	27.7	29.3	24.3	29.9	29.9	29.9
GE 35 Unit	25.9	25.7	25.9	27.6	20.9	28.9	28.9	62.3	29.6	23.6	29.6	29.5	37.3	30.3	36.3
GE 3700]	27.0	27.6	27.0	29.3	32.6	37.6	30.0	31.3	31.6	31.6	31.6	31.6	32.3	32.3	32.3
18 25 51	32.3	32.3	32.3	34.4	36.7	36.7	36.1	37.4	37.F	37.9	37.8	37.8	78	19.4	36.4
CE 21 (SI	78.1	38.1	38 . 1	40.1	43.2	43.2	43.2	43.9	44.7	44.7	44.6	44.6	45.2	45.2	45.2
SE 19.31	4 1.1	40.1	40.1	42.2	45.6	45 • 6	45.9	46.6	46.9	44.7	47.3	47.3	43.0	48.0	48.0
(E 15.0)	44.4	44.	44.2	46 . 7	49.7	49.7	50.3	21.5	r 1 • 4	51.4	51.7	51.7	12.4	52.4	5.2 • 4
UE 15 a01	54.0	5:1	51 • ⊍	53.7	56.2	58.2	58.3	o ~ 5	60.9	€°•÷	61.2	61+2	41.9	61.9	61.9
6E 1 CH	52.4	57.4	52.4	55.1	60.9	60.9	61. ,	54.3	64.6	34.6	65.3	65.7	65.6	65.6	65.6
6E 2:1	55.4	55.4	55.4	59.5	65.3	65.3	66.3	68 · 7	49.6	59.5	69.4	69.7	70.4	73.4	70.4
GE PUT	57.5	57.5	57.5	61.9	66.7	69.7	69.7	72.1	72.4	77.4	72.5	73.1	73.8	77.8	73.8
78 700	5.3 - 2	58.2	56.2	63.6	72.7	72.7	72.1	75.2	75.5	75.5	75. +	75.2	76.9	76.9	76.9
hE boml	3 9. S	50.)	59.9	€6.0	72.6	73.8	76. i	c1 . ?	91.6	61.6	52.6	52.7	P 3 • 3	83.3	£ 3 • 3
66 5501	5 7. 9	50.4	59.7	66.3	75.2	75.2	77.6	a3.1	03.7	40.4	35.6	95.7	86.7	86.7	P 6 . 7
UE 4.11	59,9	50.9	59.9	65.7	76.5	75.5	79.5	st . 7	97.4	40.4	a a . 5	93.1	31.2	91.2	91.2
GE TOTA	و پوء	50.0	59.9	67."	76.9	77.2	91.(68.1	89.5	91.0	22.2	92.9	34.6	94.9	94.9
6E 33.1	59.9	50.00	59.9	67.C	76.9	17.2	ci.	उभ.4	90 · 1	97.7	93.2	93.9	97.6	98.0	98.3
GE 1 (7)	59.9	6.6	59.3	67.0	76.9	77.2	31.0	be. 4	90.1	*7.2	93.2	93.9	27.6	98.0	99.7

76.9 77.2 91.6 19.4 20.1 +2.7 93.2 93.9 97.6

GLOBAL CLIMATOLOGY BRANCH USAFETAS

PERCENTAGE FREGUENCY OF OCCURPENCE OF CFILING VEHIOLS VISIBILITY FROM FOURLY OBSERVATIONS

ATR MEATHER SERVICE/PAC

0

C

PERIOD OF PECORD: 77-86 STATION NUMBER: 27595 . STATION NAME: KAZAN USSR MONTH: NOV VISIBILITY IN STATUTE MILES

GE GE GE GE GE
2 1 1/2 1 1/4 1 3/4 OF CE OF GE GE IN 1 LE FEET 1 10 6E GE 1/4 GE D 1/2 NO CEIL I 14.7 14.7 14.7 15.4 15.0 15.8 15.8 16 . 8 17.1 17.1 17.1 17.1 17.1 17.1 17.1 15.9 15.8 15.8 6g 200021 66 1gr601 66 167001 19.2 18.2 17.1 18.5 19.5 19.5 18.5 18.5 16.8 17.1 17.1 18.5 18.5 18.5 18.5 15.0 15.5 17.1 18.5 18.5 15.8 16.5 17.1 17.1 18.5 11.5 19.5 18.5 15.t 18.2 25.4 15.6 16.8 16.8 17.1 17.1 17.1 17.1 17.1 18.7 18.5 19.5 10.5 18.9 18.5 18.5 11.0 22.9 27.6 UE 100 ULL 21.6 21.6 23.5 23.6 25.3 26.0 6,0 26.0 26.0 26.3 26.5 26.0 9: unl e 1011 7:001 21.6 21.6
21.6
21.9 21.6 22.9 22.9 22.9 23.3 23.€ 23.6 23.6 25 · 3 26.0 26.0 26.0 26.7 26.0 26.7 26.0 26.0 26.0 26.0 26.0 23.6 23.6 23.6 ĿΕ 31.€ 21.6 23.6 24.0 26.0 61 131 50001 45071 45001 35001 C.E. 12.3 22.3 22.3 23.6 24.3 24.7 24.7 27.1 27.1 27.1 27.1 ~ 7 . 1 27.1 27.1 20.4 24.3 22.6 26.7 27.4 27.4 .7.4 GE 24.0 24.7 25.0 25.0 27.4 27.4 27.4 27.4 22.6 24.3 26.4 27.4 27.7 29.8 37.1 27.8 ?J.1 ĥξ 27.1 27.4 29.1 29.9 29.8 79.8 30.1 27.4 29.5 30.1 30.1 6 E 27.7 3 C . 1 . . . 1 20001 20001 10001 10001 10001 32.° 36.6 77.7 37.4 36.7 37.7 38.4 42.5 44.5 3 . . 6 úξ 34.9 36 .C 36.0 37.7 73.4 30.4 38.4 78.4 38.4 • • • 79.0 47.0 47. 58 36.3 37.7 46.1 40.4 40.4 42.1 42 . F 42.9 44.5 42.R 42.8 41.8 42.1 42.1 44.5 44.5 • 7 4 3 . 0 4 * . 4 44.5 45.5 49.3 49.3 47.3 49.3 49.3 49.3 55.5 55.5 60.3 60.3 67.3 60.3 11 orl 2001 2001 r 2,4 52.6 52.4 57.2 59.6 50.0 63.7 54.7 64.7 64.7 64.7 64.7 64.7 64.7 63.3 7 7 50.5 55.8 55.8 50.0 63.3 62.3 54.7 55.8 54.8 55.8 63.9 65.4 67.8 70.9 L, E 65.7 67.8 67.5 67.8 67.8 67.8 56 • 9 70.0 73.3 31.5 69.9 70 • 9 73 • 3 70.9 73.3 G.E 65. E 67. 5 70.9 70.9 76.9 7001 66.4 73.3 73.3 73.3 73.3 üΕ 90,5 50.5 81.2 86.0 87.3 ιE 53.6 58.5 71.9 - - - 0 P3.2 84.2 89.4 83.2 88.7 66.4 71.6 74.3 73.6 77.7 93.2 92.4 83.2 69.5 467 . 7 59.5 50.9 73.6 1, [59.4 98.2 99.7 90.4 9**3**. P8.4 R8.4 84.4 7611 59.9 59.9 59.9 4-.4 91.8 91.8 . 7 59.4 57.9 74.6 75.3 79.1 91.1 91.8 92.5 91.4 59.9 59.9 68.8 74.3 74.0 75.7 07.7 94.9 59.9 79.5 22.3 93.5 94.9 95.9 1001 1 .7 59.9 59.9 68.6 97.6 100.0 90.4

TOTAL NUMBER OF OBSERVATIONS:

792

GLOGAL CLIMATOLOGY PRANCHUS AFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VEHICLS VISIBILITY FROM HOURLY $\theta_{b}s_{F}rv_{a}tions$

AIR MEATHER SERVICE/MAC

STATION NUMFER:		-								моцти:		HOURS	LST1:		
CE IL ING	• • • • • •				• • • • • • •	121 V	RILITY	IN STATU	ITE MIL.	• • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	
IN GE FEET 10	65 t	f. f. 5	GE 4		0E 2 1/2	3 D	05 1 1/ 2	GE 1 1/4	GE 1	9 t. 7 / 4	ζί 5/8	GE 1/2	30	GE 1/4	GE O
NO GETT 1	16.6	16.6	16.6	17.3	17.6	17.6	18.0	19.7	70.0	٠,٠	*****	20+1	25.0	27.0	20.0
Gr 207001	16.€	16.5	16.0	17.3	17.6	17.6	18.0	12.7	20 • C	25.5	38.5	20.0	20.3	20.0	20.3
CE 137001	16.0	: 66	16.6	17.3	17.6	17.6	18.0	15.7	20.0		25.0	20.0	22.0	20.5	26.0
UE 16 'L'1	:6.6	18.6	16.5	17.3	17.6	17.6	18.3	19.7	12.2	4	30.0	23.3	23.0	22.0	20.6
GE 14/ UST	16.0	16.6	16.5	17.3	17.6	17.6	18.C	19.7	20.0	2	10.3	23.2	20.0	20.0	20.0
0€ 11 J∩↓	16.6	16.6	15.0	17.3	17.6	17.6	18.0	19.7	30.0	23.0	20.9	20.2	: 3.3	20.0	20.0
6E 1210.1	20.1	20.5	ڏ ۽ نء	21.0	21.7	21.7	22.	23.7	~4 . 4	, 4 . 4	24.7	24.7	24.7	24.7	24.7
CE 9: 3:1	74.3	20.2	20.3	21.3	21.7	21.7	22.0	3.7	24.4	. 4	4.7	24.7	.4.7	24.7	24.7
ύΕ έ'331	20.5		20.3	21.0	21.7	21.7	22.0	23.1	74.4	24.4	74.7	24.7	24.7	24.7	24.7
6E 7 5.1	20.3	20.3	20.3	21.0	21.7	21.7	22.6	43.7	24.4	.4.4	.4.7	24.7	24.7	24.7	24.7
6E 61421	24.3	3:3	20.3	21.4	21.7	21.7	22.1	23.7	24.4	20.0	24.7	24.7	~4.7	24.7	24.7
aE 5⁻,≏I	22.0	22.0	22 • J	22.7	23.4	27.4	23.7	25.4	76 • 1	.5.1	26.4	26.4	26.4	24.6	37 %
GE 45.01	23.1	2 1	23 • 1	23.7	24.4	24.4	24.7	£ : 4	77.1	. 7.1	27.5	27.5	27.5	26.4	26.4 27.5
5E 40.01	25.1	25.0	25.8	25.4	27.1	27.1	27.5	29.2	79.5		70.	37.2	ن در د	37.2	10.2
ωξ 35°C0	26.4	. 6. 4	76.4	27.1	27.8	27.8	28.1	29.8	10.5		17.5	37•2 37•9	70.8	30.6	3 g • 8
SE 37621	24.5	, ,	28.5	29.2	29.8	Q . A	30.2	31.4	72		2 , 9	32.7	12.9	32.9	32.9
											•				
6E 25.074	11.2	31.0	ے، إذ	72.0	32.9	32.7	33.6	35 - 3	76 . 3	55.	36.4	36.6	76.6	36.6	₹6.6
GE 21.71	36.9	56	36 • 9	38.6	39.3	39.3	43.0	41.7	42.7	47.7	43.1	43.1	43.1	43.1	4 5 • 1
0€ 18 c. l	5 🕶 5	39.3	39.3	41.	41.7	41.7	42.4	44.1	45.1	4 .	45,4	45.4	45.4	45.4	45.4
CE Triout	4 3.0	ч2.	42.0	43.7	44.4	44.4	45.1	47.1	4 P . S	4 - 4	4 + + 2	49.2	4	49.2	49.2
∂E 17571	4 7. 1	4 " • 1	47 • 1	49.5	5 0.8	50.5	52.2	54.2	55.6	F.5. #"	66.	56.3	r6.3	56.3	56.3
SE 1: LOT	51.4	5.02	51.2	54.2	5.5.9	55.9	57.3	59.3	51 × C	11.4	61.7	61.7	61.7	61.7	61.7
Ct 3 7.1	52.3	5.7.0	52.7	56.1	5 4 . C	50.1	59.3	61.7	63.7	59.1	7.4 . 4	64.4	64.4	64.4	64.4
LE REIL	54.7	54.4	54.7	5.8 * 6	6 3	60.3	61.7	64.4	66.4	56.0	67.i	67.1	€7.1	67.1	67.1
OF TOTAL	56.5	56.4	36.7	61.4	63.7	63.7	65.1	67.5	69.8	12.3	73.5	70.5	73.5	70.5	76.5
St. S. T.	r 9.7	59.7	59.7	€4•7	67.5	67.8	7 J. A	74.7	76.0	7 6	76	79.7	79.3	79.℃	79.3
6i - 1	61.1	61.	61	4 6 . P	69.8	72.3	75.6	79.6	ez.c	67.7	93.1	33.1	03.1	63.1	83.1
GE 4.001	e 1. 7	6: .7	61.7	67.5	71.5	72.5	70.3	62.7	ng . ;		99.2	39.2	• 7 • 8	9.93	89.8
0E 75	1.7	5: .7	61.7	69.1	72.2	73.2	77.6	04.4	93.5	,	22.5	93.2	04.2	94.2	94.6
6E - 201	6.7	52.7	1,2.0	69.5	72.5	73.5	79.	85.9	92.5	94.6	99.3	35.9	27.5	97.6	98.6
6E 1.71	5 2.	52.	02.5	18.5	72.5	73.5	78.0	35.3	22.5	7 H . f	25.3	95.9	38.3	98.3	100.0
ut 1	62.	5.° • .	62.4	68.5	1 5	73,6	79	95.9	22.5	34.6	6,5.1	95.9	76.3	99.3	106.0

TOTAL BLABER OF OBSERVATIONS: 2,5

GLOEAL CLIMATOLUGY DEANCH USAFETAC AIR 46 ATRER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY COSERVATIONS

STA	FION M	MPLP:	27596	51:11:	ON NAME:	KAZA	in tssa					PETITU	(F "EC:	POURS	-84 (LST):	ALL	•,,,,,,,,,,
(- 1	L146	• • • • • •	• • • • • • •	• • • • • • •				V 15 I	EILITY	IN STATE	lic Mit	FS	• • • • • • •				
I F E	η Ε1	er er	e.		GF H	3	6F 2 1/2	GE 2	65 1 1/2	6E 1 1/4	6E 1	Ω£ 774	5/2	3E 1/2	GE 7/16	5E 1/4	GE U
	• • • • • •	• • • • •	• • • • • • •	• • • • • • •		• • • • •		• • • • • • •		• • • • • • • • • • • • • • • • • • • •			• • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • • • •
ΝO	CLTL	•:	13.1	11.2	13.4	13.6	14.1	14.1	14.2	15.2	15.5	1"."	15.5	15.5	15.5	15.7	15.9
t;E	zonubli	. 1	14.1	14.1	14.1	14.6	15.1	15.1	15.4	16.4	16.6	14.5	16.6	16.6	16.7	16.4	17.1
∪E.	13 '6.	. 1	14.1	19.1	14.1	14.6	15.1	15.1	15.4	16.4	16.6	46.6	15.6	16.6	16.7	16.9	17-1
ĿΕ	16, 31	• 1	14.1	14.1	14 - 1	14.6	15.1	15.1	15.4	16.4	16.6	16.5	16.6	16.6	16.7	16.9	17.1
	14 107 [• 3	14,1	14.1	14.1	14.6	15.1	15.1	15.4	16.4	16.6	16.6	16.6	16.6	10.7	16.9	17.1
٥E	12 rent	• 1	14.:	14.1	14 • 1	14.5	15.1	15.1	15.4	16.4	16.€	16 • *	16.6	16.6	16.7	15.9	17.1
JΕ	imusi	. 1	20.2	2 102	23.2	21.3	22.3	22.3	22.7	24.1	74.6	34.7	24.8	24.8	. 4 .)	25.0	25.3
,€	5.606	1.	22.2	23.2	23.2	21.3	22.3	22.3	22.7	24.1	24.6	. 4 . 7	24	24.9	24.9	25.0	25.3
ı E	50001	- 1	73.1	27.2	20.2	21.3	22.3	22.3	22.7	24.1	24.€	_ u . 7	24.5	24 . P	24.7	25.0	25.3
t, E	7 1011	• :	22+2	. 1 · Z	20.4	21.3	22.3	22.3	22.7	24 • 1	24.6	24.7	24.5	24.8	24.9	25.9	25.3
SE	€n bill	• 1	20.7	2 " • 2	ذ. 33	21.4	22.4	22.4	22.4	24 + 3	74 • F	24.0	24.9	24.5	25.1	25.2	25.4
t.E	57.4.1	• 1	21.3	21.3	21.3	22.4	23.5	23.5	24.0	25.4	25.5	2 - 1	16.	25.0	26.2	26.3	26+6
u.€.	45.07	• 1	21. ₹	21.5	21.9	23.€	24.0	24.1	24.5	26.0	26.5	26.5	26 • t	26.6	20.7	6.9	27.1
üΕ	4 71	• 1	3.7	23.0	23.3	24.2	25.3	25.3	25 • ₺	27.3	?7.6	.7.7	27.9	27.9	76.1	28.2	26.5
bξ	35	• 1	7.3 ⋅ €	27.6	23.6	24.8	25.9	25.9	20.4	27.9	20.5	£ 6 . 7,	28.6	29.6	75 • 6	. 9 . 9	29+2
1.F	\$7 U.S.	• 2	25.4	2000	25.0	27.3	2 € • 3	28.4	28.9	37.5	31.1	31.1	31.2	31.2	71.3	31.5	31.8
υE	25.01	• 2	23.7	28.7	26 • 7	37.4	31.7	31.7	32.4	34 . ∂	34.7	14.1	34.5	34.3	14.9	35.1	35.4
15E	21.671	• ?	13	3 3 . 3	13 . 3	35.4	37.0	37.0	37.8	39.4	42.1	→ * • 1	40.3	43.3	43.4	40.5	4 G . 8
t. E.	15. 4	• -	.5	35.2	35 • 2	37.3	35.0	39 . 1	39• à	41.5	42.2	47.7	42.4	42.4	42.5	42.6	42.9
l, €	1.001	• '	39.	3	3700	41.2	43.2	43.3	44.1	46.8	46.6	45.7	47.0	47.0	47.2	47.3	47.6
υĘ	1. 6.1	• 7	4 9 . 4	45.5	45.5	40.7	້ ພ.⊕	57.9	51.9	54.2	'5•2	- 5 - 7	* 5 . 4	55 • 5	55.6	55.7	56.0
ψ£	1 001	• *	4 + 1	47.5	49.5	52.9	56.2	56.3	57.7	66.2	61.4	01.4	61.t	61.7	51.8	61.9	62.2
· • • E	30.1	• '	£ 1.4	5.1 •	51.5	55.2	5 E . 9	58.9	6J. 4	53 • C	64.2	64.3	54.4	t 5	64.6	64.8	65.1
SE	n	• 7	5 7.7	5 7 . 4	° 3 • 4	57.4	61.6	61.7	63.3	b6 • 1	57.4	67.4	67.5	27.7	67.9	69.0	68.3
1.5	7631	• 3	94.4	24 + 5	54 . 5	1.5	6 2 . 9	63.9	65.8	54.2	70.5	7 ^ . 4.	73.7	7.7 • 9	71.0	71.1	71.5
. t	1 4.4	• "	76.2	36.∗1	5€ • 5	62.0	67.5	67.7	77.6	75 • 5	77.2	77.4	77.6	77.7	78.3	79.1	79.5
υŁ	1.01	. 4	50.2	57.	1.7 . 6	€3.2	6 4 . 3	69.5	72.7	73.3	93.7	71.1	41.5	81.6	P1.6	82.C	82.4
υĻ	4]	. 4	5 7. t	5 ~ •	ne • 0	(4.3	71.3	71.9	75.9	82.5	95.4	⇒ 5 • 1	96.7	86.9	P 7 • 5	87.6	88.1
1.1	7611	. 4	57.8	5 2 • 2	58 - 3	65 - 1	72.3	73 + €	77.6	35	٠٩.4	69.5	93.9	91.4	02.3	97.6	93.3
G.E.		• 14	5.7 e.c	5 1 . 3	58 • 3	65.2	72.4	17.2	78+0	85.9	99.7	9 1 . 7	32.9	73.9	95.7	96.2	97.6
r,E	1.14	. 6	- ?• <i>e</i>	58.3	58 + 3	65.2	72.4	73.2	78.1	86.	63.0	71.4	93.1	94.3	°6.8	97.4	99.9
'st	~ t		5.7.6	58.0	58.3	65.2	7 < • 4	73.0	73.1	56 • €	99.9	91.4	93.1	24.3	96.5	97.4	100.0

GLCCAL CLIMATOLOGY REANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CELLING VERSUS VICIALLITY FROM HOURLY OUSERVATIONS

STATION NUMBER: 27575. STATION NAME: KAZAN USSR PETITOD OF FECURD: 77-86 MONTH: DEC FOURSTLETT: 0000-0200 CEILING VISIBILITY IN STATUTE MILES SE 6F 3 2 1/2 IN | SE FEET | 1 C.F (E) υ*Ε* 4 GE GF GE 2 1 1/2 1 1/4 GE 51 54 ĿΕ E → E 1 7/4 1/2 ٥ NO CLIL 1 . ? 23.6 15.0 15 ... ي و ذڼ 15.3 16.9 17.3 18.3 20.5 20.6 22.9 21.3 21.6 21.6 21.9 6E 237601 6E 187661 6E 167571 6E 147671 . 3 1 ° . 5 15.6 17.9 18.9 21.7 71.6 15.6 15.9 17.6 21.3 21.3 21.9 22.3 22.3 22.6 21.7 15.9 15.6 15.5 18.9 21.3 21.9 21.9 21.9 • 3 15.0 17.9 21.3 21.6 22.3 .2.3 22.6 17.6 15. 71.3 22.3 15.t 15.6 17.6 17.9 13.9 21.3 22.3 22.6 21.3 15.9 21.6 15.6 i7.9 18.9 15.5 17.6 9.51 21.3 66 100064 23.3 27.3 23.3 27.6 28.6 31.7 €2.2 33.2 33.9 33.0 34.2 24.6 26.2 12.2 37.6 9 145 | 8. 55 | 7169 | 27.3 23.3 23.3 ?3.3 24.6 24.6 32 • 2 32 • 2 12.7 32.4 32.5 53.2 33.2 33.2 L.F 23.3 26.2 27.6 27.6 28.6 31.9 31.9 33.9 33.9 34.2 28.6 34.2 26.2 ĿŁ 23.3 26.2 67.531 27.5 37.6 32. ₹ 23.5 33.9 (,E 24.6 26.2 28.6 31.9 72.2 33.2 57.201 45.201 45.001 34.2 74.6 34.9 ٩E 24.3 24.3 25.6 27.2 28.9 29.9 33.2 13.6 33.7 15.2 24.3 35.7 15.5 34.5 24.5 25.9 31.6 39.0 34.7 75.5 35.5 GΕ 24.5 24.5 27.6 29.2 3 7. 2 33.9 35.9 24.0 29.2 29.2 30.6 35.9 27.6 34.2 74.2 35.2 36.2 16.2 L.E. 33.2 75.9 35 Ur l 30 ut l 24.6 75.6 24.5 34.0 39. ĿΕ 3 J . 2 27.2 t-E 25.0 26.9 3 . . 35.5 16.2 36.5 17.2 17.5 25 (51) 27 (61) 19 (71) 15 (11) 27.3 31.9 37.5 29.6 23.5 34.9 uE LE . 3 7.5 1.9 32.3 76.9 78.5 42.5 34.5 q 7.9 79.2 43.2 27.9 31.2 33.2 34.6 39.5 40.5 37.2 3°.5 42.2 71.7 33.2 35.2 36.5 43.5 38.5 42. . 44.2 44.2 44.5 39.9 43.1 43.9 44.7 44.5 44.7 45.5 45.8 . : 38.5 56.3 36.7 49.6 47.6 25.0 99.4 47.2 49.4 49.B 42.2 51.5 56.1 57.5 58.1 1762| 9.01 4.00| 44. . 67. 68 44.5 44.4 47.5 51.2 53.2 56.5 61.5 62.5 53.5 63.9 54.5 J4.5 64.ê 49.5 54.4 63.4 77.6 6.E • 3 47.5 46.2 46.2 47.5 - 3.2 5 E • I 55 • 1 58 • 1 58.5 63.5 64.5 55.4 69.1 65.4 60.4 73.1 66.4 GΕ 61.6 63.1 66.9 58.9 69.1 70.1 72.1 76.4 48.3 57.2 42.2 46.2 59.1 4.191 G.E. . C. . 50.0 61.1 63.5 69.1 75.4 77.1 78.1 79.1 79.1 PC.1 51.2 52.2 52.5 -1.3 51.3 υŧ 1,7 . 4 62.8 65.4 65 - 1 77.7 79.7 12.4 H 3 . 7 73.4 79.4 3C.7 81.4 82.4 52.2 50.2 7 4 6 E G E • ? 57.1 68.1 89.7 90.0 74.1 74.8 62.4 84.4 44.7 96.0 87.4 96.7 69.4 97.7 99.5 57.5 65.8 90.7 94.3 94.0 95.7 52.4 5 G . 8

64.7

85.3

75.1

75.4

£ t. 1

66.4 46.4 69.1

69.1

60.1

7.,1

92.0

93.7

90.4

95.7

45.7

78.0

96.7 190.0

STORAL CLIMATCLOSY BRANCH MS AFRITAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CYTEING VYRSUS VISIBILITY FROM HOURLY OBSERVATIONS

win winitia palka	I T C EX	٠,													
STATION NUMBER:	275957	21411	DE NAME:	: KAZI	M 0258					PI, PI, PII 205 TH	GF FECT : DEC	17: 17: HQURS	-86 (LST): (03 კე- ცნ	co
		• • • • • • •		• • • • • •	• • • • • • •					• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	••••
LETETAG IN 1 DE	C.E	r E	GE.	6.5	6.F	Q.E.	61.01.4	It: STATE	GE GE	6 E	61	SE	65	GE	GE
FEET 1 10		1			2 1/2		1 1/2		1	7/4	57h	1/2	1/16	1/4	C
AC CETE I	13.3	17.7	13.3	13.7	16.5	16 • 🖺	16.3	17.3	17.7	: * • *	15.0	19.7	10.7	18.7	19.3
4 1270.1	14.5	14.3	14.3	15.0	17.7	17.7	19.6	19.0	19.3	12.7	19.7	17.7	20.3	20.3	21.0
UE le Not	14.3	10.3	14.3	15.0	17.7	17.7	18.0	19.6	19.3	10.7	19.1	19.7	20.3	20.3	21.0
74 .6 mil	14.5	14.2	14.3	15.0	17.7	17.7	13.0	19.0	19.3	17.	19.7	19.7	23.3	20.3	21.0
ob 14 - 1	14.5	· C	14.5	15.0	17.7	17.7	18.C	19.0	19.3		19.7	19.7	20.3	27.3	21.3
to E 1 1	14.3	14.5	14.3	15.0	17.7	17.7	10.0	19.0	19.3	10.4	19.7	19.7	23.3	20.3	21.0
6E 121 CH	: /	1 4 . 7	19.7	21.5	24.7	26.7	27.7	29.7	70.0	3	22.7	30.7	1.3	31.3	32.0
UF 9 1/11	19.7	19.7	19.7	21.0	24.7	26 . 7	21.1	29.3	₹3.00	37.	30.7	33.7	1.3	31.3	12.0
IT EUL	19.7	14.7	19.7	21.0	24.7	26 • 7	27.7	29.3	"ງ•0	37.7	? ~ . 7	30.7	71.3	31.3	72.0
6E 7 C1	19.7	10.7	19 • 7	21.5	24.7	26.7	27.7	29. 1	70.0	3.3 + 7	70.7	37.7	71.3	31.3	32.Q
4 C' -1	10.1	: 9.1	14.7	21.5	. 4.7	26.7	27.7	69.3	₹D • G	30.1	30.7	37.7	71.5	51.3	12.u
6E 5 1	10.0		20.2	21.3	25.5	27.0	28.€	29.7	70.3	30.1	31.0	31.0	71.7	51.7	32.3
6E 45		20.0	70.0	21.3	25.6	27.0	28.0	30.0	75.7	31.1	31.3	31.3	12.0	37.0	32.7
, i u "	200	27.4	22.3	21.7	26.3	27.3	28.3	33.7	71 . 3	31.7	32	32.0	72.7	32.7	33.3
56 J. C. F	7	25.7	22.7	22.2	25.7	27.7	2a.7	31.0	71.7	57.7	12.3	32.3	33.0	33.₽	33.7
υ ¹ - 1	2.00	27.0	22 + 2	23.1	27.3	29.3	30.3	32.7	73.3	3 7 . 7	34.0	34.7	74.7	34.7	35.3
(f .: 1	. 4		34.3	26.2	30.40	32.3	33.3	35.7	75.3	80.7	37.0	37.0	77.7	37.7	30.3
ا به ای	16.7	26.7	76.7	29.0	33.5	35.3	36.3	39.0	79.7	41.	90.3	40.3	41.0	41.0	41.7
of 1° i	20.	7 F 🛊 .	38	33.3	34.7	37.3	39 • 7	41.3	42.0	97.	42.7	42.7	43.3	43.3	44.0
at Lul	11.0	5 ·	73 • J	35.7	9.00 + 0	42.7	44.	47.3	46.0	4.7	4 = + 7	48.7	49.3	49.3	5 C • C
d : 571	19.7	58 + 5	35 . 3	42.0	47.3	50.0	51.7	56.0	55 • 7	· ·	57.3	57.3	c 5 • C	50.0	5 5 • 7
CE PLAT	94.7	14 14 . 7	44 = 7	48.7	54.3	57.5	53.1	61.3	64.0	, u . *	65.3	65.7	55.7	UE . 7	56.3
ot 1	45.	9.6 + 1	46.00	57.3	56.5	5° • 7	60.3	65.0	65.7	56 . 7	67.3	57 · 🤉	67.7	67.7	68.3
F 6 1 (46.7	46.7	46 • 7	51.7	5.7 . 7	67.3	62.0	67.	17.7	: 2 . 7	63.0	69.5	69.7	69.7	70.3
F 7 = 11	4.7. 2	47.7	47.7	53.7	55.7	52.3	64. €	69.3	73.1	7	71 + 3	71.3	72.3	72.3	73.D
A 1	5.5*1	50.0	50 • 4	57.7	44.7	67.7	69.7	16.1	77 • 3	73.7	79.	79.0	° 0 • 3	a D • 3	81.5
1 1		50	55.5	c 7 • 7	L 4 • 7	68.0	72.3	B"•3	P1.7	~ · . /	94.	44.3	95.7	55.7	66.7
3 4 4	•	5 " • "	3	50.5	60.0	70.0	75.7	95. C	45.7	45.7	89.0	89.5	20.1	90.7	91.7
at the Table		50.0	53	59.0	66.0	77.0	76.3	в7.	P9.;	• 1 • *	71.7	92.0	94.7	95.0	96.3
6E 1.11		50 (+ 2	: 0 • 3	6 9 a L	5 (• 0	70.0	76.3	c7. ~	29.7	71.7	37.3	93.j	26.3	96.7	96.7
6! 1 3	1.1	9 [™] + 3	50.3	59.0	46.6	70.3	76.3	87.€	a 9 . 7	71.7	92.3	93.3	°6.7	97.E	99.7
(t	€ ± 2	91.1	50.5	57.5	66.5	70.0	70.3	07.1	F0.7	91.1	92.3	93.3	96.7	97.0	100.0
	• • • • •		• • • • • • •												

GLOBAL CLIMATOLOGY PRANCH LSAFETAC AIR WEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUGLY O_{BS_1} RVATIONS

				•	Oh HAME:							HENTH	: 0 E.C		LSTI: (
CE 1t 1'		• • • • • •		• • • • • •		• • • • •				IN STATE			• • • • • • •	• • • • • • •		• • • • • •	•••••
[4		r.f	G.	GE	6 F	GΕ	GF	G E	GE	ניא סו אַינ האַ נו	. 15 - 15	լս Տլ	6.	GE	GE	GE	GE
FELT		1.7	ts:	9 E	4		2 1/2		1 1/2		1		5/8	1/2	r/16	1/4	OF.
											• • • • • •		• • • • • •				
NO CEI	LI		17.7	1	13.9	15.6	16.7	16.7	16.7	19.0	19.4	19.4	19.4	19.7	19.7	19.7	20.1
GE 200	251		15.1	15.0	15 . j	16.7	17.7	17.7	17.7	20.1	70.4	27.4	22.4	20.7	20.7	29.7	21.1
6E 16			15.6	15.0	15	16.7	17.7	17.7	17.7	2:1	20.4	2 0 4	20.4	20.7	20.7	20.7	21.1
6E 10	ici		15.0	15.0	15 • J	15.7	17.7	17.7	17.7	23.1	20.4	£ ^ 4	20.4	20.7	2a.1	20.7	21.1
1,E :4"			15.	15.	15.0	15.7	17.7	17.7	17.7	20.1	23.4	,4	20.4	20.7	20.7	27.7	21.1
ut 1."			15.	15.	15.0	16.7	17.7	17.7	17.7	20.1	20.4	27.4	70.4	20.7	20.7	20.7	21.1
	~ .						24 5										• • •
6E 1.30			21.4	21.4	21.4	24.5	26.5	27.6	27.9	31	71.3	31.3	31.3	31.6	32.0	32.0	32.3
	- 1		21.4	21.4	21.4	24.5	26.5	27.6	27.9	31 • 0	31.3	31 • 3	11.3	31.6	32.0	32.0	32.3
	- · l		21.4	21.4	21.4	24.5	20.5	27.6	27.9	31 • C	71 • 3	71.3	31.3	31.6	72.0	32.0	32.3
	0.4		24.47	21.4	21.4	24.5	26.5	27.6	27.9	31.0	31.3	31.3	71.5	31.6	12.0	32.3	32.3
οt	· i		- 4•4	21.4	21.4	24.5	2 t • 5	27.6	27.9	31.0	71 • 3	31.3	71.3	31.6	32.0	32.0	32.3
100	111		21.5	21.0	21.8	24.8	26.9	27.9	28.2	31.3	31.6	31.5	31.6	32.0	72.3	32.3	32.7
	1.1		77.1	2.2.1	22.1	25.2	27.2	28 +2	28.6	31.€	*2 . C	32.3	32.3	32 . 3	32.7	32.7	33.0
.,£ 4	- 1		2 3 . 5	23.5	23.0	26.9	28.9	29.9	30.3	33.3	73.7	37.7	33.7	34.0	34.4	34.4	34.7
	- 1		23.0	23.0	23.0	27.2	29.3	30.3	30.6	33.7	34 - 0	34.0	34.6	34 . 4	34.7	34.7	35.0
GE IT	1		2 4. 1	24.1	24 • 1	27.6	29.9	31.0	31.3	34.4	34.7	24.7	74.7	35 • C	15.4	35.4	35.7
1.5			75.6	25.9	25.9	27.3	31.6	33.3	33.7	36.7	*7.1	57.1	37.1	37.4	77.8		7.
	51	• '		20.9	79.9	33.7	36.1	37.9	33.1	41.5	41.8	41.4	41.8	42.2	42.5	37.8 42.5	76 • 1 42.9
	.					34.4		39.4	38• B	42.2	41.6	47.5	42.9	43.2	43.5	42.5	
		• 3	•	31.6	36		36.7				-						43.9
	2.11	• '	34.7	24.7	54 • 7	39.8	41.2	42.9	43,2	45.9	47.6	4 . 6	48.0	49.3	48.6	4 R . 6	49.0
EF 1.	- 1	• 3	7 700	5 9 • 0	39 • 8	44.9	48.3	56.€	50.7	54.8	55.4	. · · · ·	55.8	56.1	56.5	56.5	56.8
	1.1		44.6	44.6	44.5	50.3	54.8	56.5	57.1	61.2	F2.2	60.3	62.6	62.9	63.3	63.3	63.6
1.1	an L	• •	45.0	45.5	45.9	51.7	56.1	57.8	59.2	63.3	44.3	€4.3	64.6	65.0	65.3	65.3	65.6
. f 2	271	. 7	4 9. (47.	49.	54.8	59.9	61.9	63.3	07.3	6.R • 4	68.4	59.7	69.0	59.4	60.4	70.1
5/E 7	0.1	• 3	50.7	5 1.1	50.7	56.8	61.9	63.9	66.5	75.1	71.1	71.1	71.4	71.8	72.1	72.1	72.8
OE :	ur İ	• ?	5 3.4	53.4	53.4	E0.5	66.7	68.7	72.1	76.6	79.9	70.0	97.3	80.5	91.0	81.0	81.6
	21	-		- 1					7.0								
	- 11	• 7	14.	5 4 • 1	54 • 1	62.6	59.0	71.1	75.9	82.7	A5.(35.3	86.1	86.4	P6.7	66.7	87.4
	- ,		54.5	59.5	54 + 15	63.6	7(*;	72.1	77.6	85.4	09.4	50,0	89.8	99.8	91.2	91.2	91.8
	U	• !	E 4 . F	5 4 • 5	54 • 3	63.6	74	72.4	77.9	06.1	99.1	50.4	9.00	92.2	93.2	43.2	94.6
	431	• 7	5.4+1	∸.بار	54 . 8	63.9	71.7	72.8	73.2	86.7	99.5	97.5	9: - 5	12.9	34.9	95.6	98.3
GE !	- 1	• 7	54.5	54.3	54 • 8	67.9	7 . 7	72 +8	78.2	87.1	90.1	51.7	92.2	93.5	36.3	96.9	99.7
GΕ	14	• 3	54.5	54.5	54.5	63.9	70.7	72.8	78.2	47.1	1.00	91.2	92.2	93.5	76.3	96.9	100.0
				• • • • • • •													

GLOBAL CLIMATOLOGY REANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE EFFCUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM FOUGLY $\theta_0 S \epsilon_{TWATTOMS}$

. . .												HOUTE			(LST):		
	L 1 N G			• • • • • • •				V 151	PILITY	IN STATE	JIE MIL	£5					
I		G.E	Œ	G.F.	ن ٦	GE		GΕ	85	ŪΕ	G.F.	r; +	Gy	GE	GF	GE	GE
FL		1 "	6	5.	4		5 1/2		1 1/2		1	*/4	5/6	1/2	5/16	1/4	Ð
٠.		,	• • • • •	• • • • • • •		• • • • • •		• • • • • •	• • • • • • •	• • • • • • • •		• • • • • •	• • • • • • •				
			•		1					• • •							
10	CETL	• 4°	14.3	10.5	14.6	16 • 1	17.5	17.9	18.2	19.3	19.6	- 0 - 1	50.0	20.4	20.4	20.4	21.1
.E	oprivo I	. 4	15.4	15.7	15.7	17.1	10.6	19.9	19.3	20.4	20.7	21.1	21.1	21.4	21.4	21.4	22.1
	160 401	. 4	15.4	15.7	15 . 7	17.1	18.6	10.9	19.3	25.4	20.7	-1.1	21.1	21.4	71.4	21.4	22.1
	107 401	. 4	15.4	15.7	15 . 7	17.1	16.6	19.9	19.3	20.4	20.7	.1.1	21.1	21.4	71.4	21.4	22.1
	4 1 22	. 4	13.4	15.7	15 • 7	17.1	16.6	18.9	19.3	22.4	20.7	.1.1	71.1	21.4	21.4	21.4	22.1
	iar on i	. 4	15.4	16.7	15.7	17.1	16.6	18.9	19.3	20.4	20.7	41.1	21.1	21.4	71.4	21.4	22.1
		•		• . • .	,	• • • •	10.0	40.	. ,, ,	20.4	2.00	21.		,		21.4	2 2 4 4
3	100001	. 4	24.3	24.6	24.6	26.4	26.5	29.3	3j.7	33.2	33.€	57.3	33.9	34.3	34.3	34.6	35.4
ıξ	91601	. 4	24.3	24.6	24.6	26.4	26.9	29.3	3.3.7	33.2	73.6	37.5	73.9	34.3	74.3	34.6	35.4
,E	8	. 4	24.3	24.4	24.6	26.4	20.9	29.3	30.7	33.2	33.6	43.9	33.7	34.3	34 . 3	34.6	35.4
ıΕ	71 001	. 4	2403	24.5	24.6	26.4	26.9	29.3	33.7	33.2	33.6	37.9	13.9	34 . 3	74.3	34.6	35.4
Ē	6" 641	. 4	24.4	25.5	25	26.5	29.3	29.6	31.1	32.6	17.9	74.7	74.3	34 • 5	74.6	35.0	35.7
									•					•	_		
E.	50001	. 4	24.t	25	25 . 3	26.8	29.3	29.6	31.1	33.6	73.9	24.3	34.3	34.6	74.5	35.0	36.1
E	4" = "	• 4	2440	25 •€	25 • 3	26.8	29.3	29.6	31.1	33.6	73.5	34 + 3	₹4.3	34.6	34.6	35.0	36.1
ıξ	4:01	. 4	25.7	26.1	26.1	27.9	36.4	30.7	32.1	34 . 6	35.0	35.4	35.4	35.7	75.7	36.1	37.1
·Ε	35 57 1	• 4	26.1	<u>,, e u</u>	26.4	23.2	3.5.7	31.1	32.5	35 + 3	35 + 4	35.7	35 - 7	36 • 1	76.1	36.4	37.5
. 5	30.001	• 4	77.5	27.,	27.9	29.6	32.7	33.2	34.6	37,5	77.9	23.7	38 + 2	33.6	38+6	38.9	40.0
Ę	: 1	. 4	24.6	2 1 . 3	20.7	37.7	33.9	34 . 7	35.7	38.6	78.9	59.7	70.7	39.6	39.6	40.0	41.1
Ē	i i i	. 4	4	31.6	21.5	33.6	37.1	37.5	38.9	42.1	42.4	42.0	42.9	43.7	43.2	43.6	41.1
F	1- 1	u	31.5	3.3.1	32.1	33.9	37.5	37.9	39.3	42.5	42.9	4 7	43.2	43.5	43.6	43.0	
£	1	. "	4.6	36	75	36.6	4 7	41.1	42.9								45.0
it.	1. ()	. 4	33.7	39.3	39+3					46.1	46.4	45.3	46.3	47.1	67.1	47.5	48.6
	1. 6	• •	3 5 . /	3.4 • :	39.5	41.4	45.7	46.1	48.2	51.8	٠7.1	5.4.5	52.5	53.2	• 3 • 2	53.6	54.6
E	$1^{\circ} \rightarrow 1$. 4	42.1	47.1	42.5	46.1	5.1.4	51.8	54.3	56.2	ce.9	53.7	59.3	67.2	63.3	60.4	61.4
٤	9.01	. 4	43.7	44.3	44 . 3	47.9	57.2	53.6	56.1	60.0	60.7	61.1	61.1	61.8	61.8	62.1	63.2
· E	1001	. 11	45.4	45.7	45.7	49.5	55.7	56.1	58.9	63.9	64.6	(5.)	65.3	65.7	65.7	66.1	67.1
£	7.1	. 4	46.4	46.0	46.5	51.1	5 5 • 6	5ª . C	61.4	66.4	67.1	7.5	67.5	68.2	58.2	68.6	69.6
E	6.1	. 4	49.3	49.6	49.5	55.4	64.6	65.0	69.6	76.4	77.1	17.5	77.9	79.3	79.6	63.0	81.1
				-				• • .		,			,			9310	0101
Ĺ	•	• •	53.4	5 ** • 7	50.7	55.4	6 E • 4	66.5	71.8	79.6	51.1	21.4	c 1 . 3	93.0	° 3 • 5	83.9	P5.0
·E	4 - 1	. 4	5 3.7	51.1	51.1	56.8	6 = • 5	63.6	73.€	82.7	24.6	A5.3	F5.4	87.1	c7.5	87.9	88.9
·f	37.4	. 4	50.7	51.1	51.1	56.2	68.2	69.06	74.3	84.3	96.4		PH.	90.7	92.5	92.9	94.3
£	1 (41)	. 4	50.7	51.4	51.4	57.:	6 t. • £	68.9	74.6	65.3	27.5	69.6	90.7	94.3	76.4	96.8	99.3
·L	11	. 4	o1	51.4	51.4	5.7 • 1	56.6	68.9	74.6	85.0	P7.5	87.5	99.7	94.6	96.8	97.1	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FEFQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 27575" STATION NAME: KAZAN USSR PEPIDD OF MECOPO: 77-86 MCNTH: DEC HOURS(LST): 1200-1400 VISIPILITY IN STATUTE MILES CETLING IA 1 FEET 1 6E GE GF 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 5/9 Ĺ 1 7/4 1/2 5/16 1/4 0 NO CEIL | 21.6 26.5 26.0 23.3 23.6 26 .0 es concel 23.6 24.3 25.7 2 R . 4 ?R.7 29.4 23.5 26.7 29.1 29.1 70.1 3C.1 36.1 .7 68 180001 68 161831 68 141001 23.6 23.6 23.6 24.2 24.0 25.7 26.5 26.3 25.4 28.7 29.1 29.1 29.4 2 3 . 3 1.05 30•1 30.1 26.7 23.3 30.1 30.1 30.1 26.7 23.3 23.6 24.0 25.7 28.4 GE 128501 23.6 26.0 26.7 28.7 .9.1 29.1 29.4 73.1 37.1 30.1 37.8 42.9 SF 160.001 32.4 43.9 40.7 45.3 . 7 32 . 4 34.5 3 6 . 2 38.5 39.5 44. 7 45.6 44.6 45.3 45.3 9' u[| : 2.4 34.5 36.2 38.5 39.5 42.9 43.9 40.3 44.5 45.3 t.E . 7 32 .. 44.6 32.3 45.6 32.6 32.6 37.6 36.2 36.2 8 50 £ 7:500} 32.4 32.8 32.8 34.5 tιΕ . 7 38 - 5 39.5 42.9 43.9 44.3 44.3 44.6 45.3 45.3 45.6 . 7 39.5 39.5 42.9 44.3 44.6 45.3 45.3 t, E 39.5 43.9 44.1 45.6 43.9 44.3 44.3 44.6 45.3 45.6 6-621 GΕ 32 • 8 34.5 38.5 34.9 39.9 43.2 44.3 44.5 44.6 44.9 45.6 45.9 45.00 I 47.00 I 35.00 I 35.00 I • 7 • 7 • 7 32.5 32.6 32.6 34.5 34.5 34.5 32.4 32 • 8 32 • 5 43.2 45.9 ĠΕ 38.5 38.9 39.9 44.3 44.6 44.6 44.7 45.6 45.6 ΰĒ 46.6 44.6 44.9 45.6 39.9 38.9 44.3 45.6 38.5 37. 9 32.5 33.9 38.5 45.9 44.6 44.9 45.6 45.6 45.9 39.9 41.2 45.9 46.3 47.3 47.3 ōΕ .7 36.1 40.0 49.3 49.7 38.2 42.2 42.9 44.3 47.6 50.3 50.7 31.5 36 . 5 48.6 5 n. 3 20 641 19 761 15 661 47.9 42.2 43.9 υE 38.5 37.8 41.5 39.2 44.9 45.6 47.0 50.3 c 1 . 4 51.7 57.3 52.0 53.0 53.0 52.4 41.9 47.0 48.3 50.0 51.7 53.4 58.4 52.7 UE GF 53.4 53.7 54.4 54.4 54.7 55.1 67.1 F6.1 56.1 56.4 54.7 55.4 44. 44.45 44.9 47.6 53.4 : : [44. t · ī 47.6 45.3 51.7 58.4 59.5 63.8 66.2 67.2 57.9 69.2 68.9 68.9 69.3 . 7 6.E 43.t 49.3 52.7 54.1 60 • 8 62 • 8 60.3 55.8 62.5 67.9 48.9 67.6 69.9 70.6 70.6 70.9 72.7 77.5 61.4 . 7 47.7 50.3 €1.8 64.9 73.6 12.3 72.6 73.3 73.3 73.6 71.6 52 • .; 53 • J 77.4 70.4 93.4 78.4 83.4 56.1 64.9 65.9 68.2 76 - 1 78.7 66.6 77. 4 0.1 8.63 5.31 53.7 67.2 69.2 72.0 67.4 25.1 F6.8 86.8 ... SE SE r 3.; 53.7 59.4 58.4 69.6 50.5 50.9 4 53.7 65.6 64.1 £7.8 97.2 90.5 92.9 92.9 93.6 5 % 6 742] 737] 1.0 53 . 7 64.6 74. 3 84.1 98.9 91.9 92.5 96.6 96.6 97.3 1.0 69.9 98.3 93.9 98.3 GΕ 5. 3. C 53.7 53 . 7 59.8 68.9 69.9 74.3 84.5 99.0 91.7 92.6 98.3 99.7 1 1.0 f 3.: 58.8 GΕ 5 3 . 7 53.7 55.9 69.9 74.3 84.5 89.2 91.2 92.6 91.9 98-3 98.3 106.0

CLOBAL CLIMATCLOGY PRANCHUSAFETAC AIR MEATHER SERVICE/MAC

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIPILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 27505" STATION NAME: KAZAN USSR

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(LSTI: 1500-1700 VISIBILITY IN STATUTE MILES CETETAL IN | 6E FEET | 127 5E or 3 2 1/2 66 E GE GE 2 1 1/4 GF 1/16 GĒ 1 7/4 5/8 1/2 1/4 0 17.7 21.7 NO CLIL I 21.7 27.5 27.5 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 OF BUSGII 22. 22.7 22.1 23.7 25.7 25.7 26.0 27.3 27.3 27.3 27.3 28 • n 25.7 25.7 25.7 25.7 27.3 27.3 27.3 of lates! 22.1 22.7 23.7 26.0 27.3 28.0 26.0 26.0 27.0 27.5 6E 167071 72.0 22.7 22.7 28.0 28.0 23.7 27.0 25.7 22.7 22.1 26.0 27.3 28.0 GE 150001 33.2 34.5 34 . 5 36.5 4 J.1 40.1 41.1 43.4 44.1 44,4 45.1 45.4 45.4 46.1 9: 201 8"401 7"401 33.2 33.2 33.2 34.5 40.1 44.1 45.1 45.1 45.4 bΕ 34.5 36.5 40.1 40.1 41.1 43.4 44.4 44.4 45.4 46.1 34.5 34.5 16.5 4 C . 1 44.1 44.4 44.4 41.1 45.1 45.4 υĒ 39.5 43.4 44.1 44.4 44.4 45.4 46.1 υE 50 00 k 45 00 k 45 00 k 35 00 k 44.7 44.7 45.4 46.4 33.0 C£ 33.6 34.9 36.2 34 • 9 36 • 2 45.4 45.7 36.8 4 C .5 49.5 41.4 43.8 44.4 44.7 44.7 45.7 46.4 46.1 44.4 47.4 47.4 48.0 GΕ 42.1 42.1 42.1 43.1 45.4 46.4 38.5 36 . 2 37 . b 47.5 47.4 47.4 48.0 ⊎£ 30001 6.2 47.1 43.8 43.8 44.6 49.7 49.3 49.0 25.01 20.01 19.01 15.01 4 . 4 48.7 49.3 49.7 50.3 53.7 37.8 40.1 45.4 49.7 51.3 GΕ 39.5 39.5 41.8 46.4 50.7 47.1 52.6 52.7 54.7 53.6 53.9 53.9 55.3 49.0 52.0 53.0 42.3 46.0 48.0 υĘ 44.4 4 [• 6 4 [• 1 49.3 53.9 54.3 54.9 bΕ 50.3 53.3 55.3 55.9 54.2 44.1 46.7 51.6 52.6 56.3 57 + 2 58 - 2 49.7 53.3 10001 5001 6001 c1.5 7~.1 71.4 7?.7 7°.3 6E 4 7. 5 63.2 63.2 64.5 58.8 €9.7 73.7 71.1 71.1 71.7 51.6 υĘ 50.3 51.6 52.5 53.5 57.6 64.5 66.1 64.5 65.8 67.4 70.1 71.1 71.4 72.7 72.4 72.7 73.4 66.1 72.4 73.4 73.7 74 . 3 75.0 75.7 E9.9 75.3 R1.5 76 • 3 P Z • 9 76 • 6 8 3 · 2 52.0 54.3 54 . 3 € 7.4 67.4 69.1 75. 77.3 5.3 79.3 83.9 55.3 61.5 73.4 1 3.0 7 C • 4 2001 c 3. 3 55.6 61.8 71.1 71.1 73.4 81.3 45.5 36.9 F7.8 55.6 55.6 55.6 5 3 • 3 5 3 • 3 61.8 ωĒ 457.1 55.0 71.1 71.1 73.7 02.2 °5.7 47.5 89.2 89.8 91.1 91.4 92.1 91.2 97.4 97.4 3501 7001 1701 IJΕ 55.0 71.4 71.4 74. . 9.6 92.4 94 • 1 95 • 7 95.7 97.4 96.1 97.0 74. 5 98.7 I.F 55 . 6 €2.2 88.8 5 7.3 G€ 55.5 62.3 71.4 71.4 74. Ü 84.2 58.3 93.8 96 . 1 08.0 - 1 3.34.7 55.4 62.2 H4. 2 98.4 100.0 h.F 55.6 71.4 71.4 74.0 FR. h 92.4 5 1 . H 96.1 98.0

GLOBAL CLIMATOLOGY ERANCHUSAFETAC

PERCENTAGE EPPOUENCY OF OCCURPENCE OF CEILING VERSUS VICIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 275957 STATION NAME: KAZAN USSR PERIOD OF RECORD: 77-86 MONTH: DEC HOURS(LST): 1830-2300 VISIBILITY IN STATUTE MILES
GE GE GE GE
2 1 1/2 1 1/4 1 CEILING IN | FELT | GE RE 1 1/4 G٢ G E 6E GE 4 3 2 1/2 ı 5/8 1/2 0 21.7 NO CEIL I 18.3 18.7 27.7 18.3 21.0 66 165031 12. 19.5 19.3 21.7 22.3 22.3 24.3 25.0 25.3 25.3 25.3 19. 25.0 25.3 25 . C 06 16000 06 16000 16000 19.3 19.3 19.3 21.7 21.7 21.7 25.0 25.0 25.0 25.3 25.3 25.3 19.3 22.3 22.3 24.3 25.3 25.3 25.3 19.4 25.0 25.0 1901 25.3 25.0 25.0 19.0 19.1 19.3 22.3 19.j 19.0 22.3 22.3 24.3 25 • C 19. 6E | 30000| 6E | 97601 6E | 80001 6E | 71601 47.3 47.3 47.3 32.7 32.7 32.7 34.7 37.7 39.3 39.2 42.3 43.3 43.3 43.7 43.7 43.7 72.7 32.7 32.7 32.7 3..1 52.7 43.3 43.3 43.3 32 . 7 34 . 7 37.7 38.3 39. i 39. i 42.3 43.3 43.3 43.7 43.7 43.7 34 . 7 34 . 7 34 . 7 32 • 7 32 • 7 37.7 38 . 3 43.3 39 • 3 38 • 3 39.0 39.0 42.3 43.3 43.7 43.7 is E 43.3 43.3 43.7 42.3 43.3 SE COL 33.0 33 . C 36.6 39.3 45.7 43.7 44.0 43.7 44.0 44.7 (-F 45001 45001 33.6 33.0 33.J 33.3 35.0 38.0 38 • 7 39.3 42.7 43.7 43.7 44.3 44.0 44.0 35.3 35.7 38.3 36.7 39.7 44.0 44.j 44.3 GE 39.0 39.3 43.0 44.3 44.3 35 651 3 3. 7 33.7 33.7 40.0 44.7 ιE 3667 34.3 34.3 34.3 37.7 46.6 41.3 45.7 45.7 45.7 46.0 46.0 46.0 34.3 36 • 3 37 • 7 39.0 4.2.6 42.7 G.F 43.3 46. 7 47.7 47.7 47.7 47.7 48.0 48.0 48.0 2:L5| 18(n) 77.7 43.7 45.0 48.3 44.3 6 E 43.3 50.3 49.7 49.7 49.7 49.7 45.0 48.7 50.0 50.3 51.9 3 7 . 2 39.J 6E 46.3 51.0 51.0 51.0 -1.3 51.7 15.001 41.7 UF 49.7 54.0 · 5 . ŋ 55.0 55.7 55.3 55.7 55.7 51.7 1,.7 6°.7 77.3 72.3 77.3 61.7 50,1 51,3 52,1 69.3 73.7 73.0 GE 5 2 • 2 5 1 • 3 50.3 51.3 66.0 61.7 66.3 F8.7 69.7 69.3 56.L 57.3 υŁ 61.3 63.3 62 • 3 64 • 3 63.3 68.0 70.0 70.3 7..3 72.7 70 · 3 71.0 73.3 71.0 73.3 52.7 űE 52 . j 72.3 59.0 34 52.7 52.7 64.6 65 . 73.7 82.7 68.7 UΕ 61.3 71.0 55.0 55 · J 17.3 P1.0 83.D 83.7 P 3. 7 56 · 3 56 · 7 66.0 90.0 97.3 97.3 56.3 56.43 69.7 95.3 87.3 63.7 71.0 73.7 61.3 87.0 P 7 . 7 88.3 88.3 4 30 1 3 3 7 1 7 20 1 72.7 56.7 56.7 89.5 90.7 6£ 71.3 92.7 91.0 91.3 92.7 75.7 75.7 04.3 64.7 65.7 92.0 56.7 64.3 71.3 71.3 93.0 94.3 56 . 7 96.0 97.3 64.3 72.7 56.7 56.7 56 • 7 76.0 91.0 97.3 98.0 98.7 6 E 56.7 56 - 7 64.3 71.3 12.7 85.0 97.7 94.0 95.3 98.0 11 24.5 95.3 σE 56.7 56.7 50.7 64.3 71.3 76.0 85.0 91.0 91.7 97.3 99.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFLTAG AIR BEATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 27595" STATICS NAME: KAZAN USSR

STATION NUM;	- 4									91210B	: DEr	HOURS	ILSTI:		oc
CEILING	• • • • • • • • • • • • • • • • • • • •			• • • • •			BILITY				• • • • • • • •	• • • • • • •	•••••		*
18 1 0	10 6	6E 5	GF 4		0E 2 1/2	6 E 2	5E 1 1/2	6E 1 1/4	GE 1	C E	G; 5/8	GE 1/2	6E 5/16	GE 1/4	GE O
NO CLIL	17.1	17.1	17.1	17.4	20.1	21.1	21.7	23.7	23.7	24.3	24.3	24.3	25.0	25.0	25.7
UE 20001 06 183404 06 160401 06 140314 06 12007	17.8 17.8 17.8 17.6 17.6	17.8 17.8 17.8 17.8	17.8 17.8 17.8 17.8	18.1 18.1 18.1 19.1	20.7 20.7 20.7 20.7 20.7	21.7 21.7 21.7 21.7 21.7	22.4 22.4 22.4 22.4 22.4	24+3 24+3 24+3 24+3 24+3	24.3 24.3 24.3 24.3	2 t • u 2 t • u 2 t • u	25.0 25.0 25.0 25.0 25.0	25.0 25.0 25.0 25.0 25.0	25.7 25.7 25.7 25.7 25.7	25.7 25.7 25.7 25.7 25.7	26.3 26.3 26.3 26.3 26.3
OE 107 U01 OE 97 C01 OE 87 C01 OE 77 C01 OE 67 U01	25.3 26.3 26.3 26.3 26.3	26.3 26.3 26.3 26.3 25.3	26.3 26.3 26.3 26.3 26.3	28.6 28.6 28.6 28.6 28.6	32.6 32.6 32.6 32.6 32.6	34 · 2 34 · 2 34 · 2 34 · 2 34 · 2	35.5 35.5 35.5 35.5	39.1 39.1 39.1 39.1 39.1	39.1 37.1 39.1 39.1 39.1	30.a 30.a 30.a 30.a 30.a	39.6 39.6 39.8 39.8	39.8 39.8 39.8 37.8 39.8	43.5 43.5 43.5 43.5	40.5 40.5 40.5 47.5 47.5	41.1 41.1 41.1 41.1 41.1
05 5000 05 45 001 05 40 001 05 30 001	27.6 27.6 27.6 28. 28.6	27.0 27.2 27.6 23.1 23.5	27.0 27.3 27.6 28.0 28.0	29.3 29.6 29.9 30.3 30.3	33.2 33.6 34.5 34.9 35.5	34,9 35,2 36,2 36,5 37,2	36.2 36.5 37.5 37.8 33.5	39.8 45.1 41.1 41.4 42.1	79.8 40.1 41.1 41.4 42.1	40.5 40.3 41.3 40.1 42.3	49.5 49.6 41.8 42.1 42.6	49.5 40.8 41.8 42.1 42.9	41.4 41.4 42.4 42.8 43.4	41.4 41.4 42.4 42.8 43.4	41.8 42.1 43.1 43.4 44.1
0E 25 00 0E 20 00 0E 19 00 0E 10 00 0E 10 00	7 9. 9 5 2. 2 7 4. 2 . 7 2 7. 9 . 3 4 3. 4	29.9 37.7 34.2 37.8 43.4	29.4 32.2 34.2 37.5 43.4	32.6 35.2 37.2 41.1 46.7	37.6 40.5 42.4 46.4 52.6	39.5 42.1 44.1 48.5 54.3	43.4 43.4 45.4 49.3 55.6	44.7 47.4 49.3 53.2 59.9	44.7 47.4 49.3 53.3	48.4 48.7 50.0 57.0 57.0	45.4 48.0 50.0 53.9 60.9	45.4 48.7 53.9 63.9	46.1 46.7 50.7 54.6 61.5	46.1 48.7 59.7 54.6 61.5	46.7 49.3 51.3 55.3 62.2
0E 1101 0E 2501 0E 501 0E 7001	.3 48.4 .7 90.5 .7 51.3 .7 52.0 .3 57.7	98.4 93.7 91.7 52.6 53.7	48.4 52.4 51.3 52.6 53.9	53.3 55.3 56.9 58.2 61.5	59.9 61.8 64.1 65.8 68.4	61.5 63.5 65.8 67.4 70.4	62.8 64.8 67.1 68.6 72.7	67.1 69.1 71.7 73.7 78.2	67.4 69.4 72.1 74.7 79.6	68.4 70.4 77.0 75.7 80.6	68.6 73.7 77.4 76.2 83.9	68.8 7J.7 73.4 76.2 83.9	69.4 71.4 74.0 76.6 91.6	69.4 71.4 74.9 76.6 81.6	7 0 • 1 7 2 • 0 7 4 • 7 7 7 • 3 8 2 • 2
0E 101 0E 401 0E 701 0E 701 0E 101	.3 54.6 .7 54.9 .3 54.9 .3 54.9	54.0 54.0 54.0 54.9 54.9	54 + 6 54 + 7 54 + 7 54 + 7 54 + 7	61.8 62.5 62.8 62.8 62.8	7C.1 75.7 71.7 71.7 71.7	72.4 73.4 74.3 74.3 74.3	75.7 76. u 77. 3 77. 3 77. 3	81.6 83.9 85.9 85.9	83.6 87.2 89.6 90.1 40.1	84.7 88.8 91.4 77.1 92.4	85.2 89.1 92.1 92.8 93.1	85.2 89.1 92.4 93.8 94.1	96.2 90.8 94.7 96.7 97.0	86.2 90.8 95.1 97.4 97.7	87.2 92.1 96.4 99.3 99.7
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GLORAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VILIBILITY FROM HOURLY OBSERVATIONS

		-			CA NAME:							MONTH		HOURS	(LST):	ALL	
	IL ING	• • • • •	• • • • • •	• • • • • • •		• • • • • •		1 2 T V	RTI ITY	IN STATU	'Tc M +L		• • • • • • •	• • • • • • •		• • • • • •	••••••
F	IA	GE TC	GF £	9 f 9	6E 4		GE 2 1/2	e €	GE 1 1/2	GE 1 1/4	GE 1	5E 374	61 5/F	GE 1/2	2 11 9 0E	6E 1/4	GE O
•••	• • • • • • • •	• • • • •	• • • • • •	• • • • • • •		· • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •		• • • • • • •		• • • • • • • • • • • • • • • • • • • •
140	CEIL	• ?	16.5	16.6	16.5	17.3	19.2	19.5	19.9	21.6	21.9	22.9	22.1	22.2	22.6	22.6	23.0
θE	200051	. 2	17.€	1 2 .	18.3	19.7	22.7	21.0	21.4	23.1	23.4	27.6	23.7	23.8	24.2	24.2	24.6
r, E	189001	• 2	17.8	19.3	18	18.7	20.7	21.0	21.4	23.1	23.4	27.6	23.7	23.9	24.2	24.2	24.6
LE	16.031	• :	17.0	19	19.3	18.7	20.7	21.0	21.4	23.1	23.4	27.5	23.7	23.3	24.2	24.2	24.6
	14 001	• ?	17.h	13.0	18.3	18 • 7	2 C • 7	21.0	21.4	23.1	23.4	. 7.6	23.1	23 • B	24.2	24.2	24.6
Ģ€	120001	• 2	17. č	1 - •	18.0	18.7	26.7	21.0	21.4	23.1	23.4	27.6	23.7	23.9	24.2	24.2	24.6
G.E	100601	• 2	26.7	26.9	26.9	28.9	31.9	32.8	33.8	36.7	37.2	37.5	37.6	37.9	18.3	4.9	38.8
L/E	9:001	. 2	26.7	25.9	26 . 9	29.9	31.9	32.8	33.8	36.7	37.2	77.5	37.€	37.0	78.3	38.4	18.8
űE	6 07 1	• 2	26.7	24.9	26.7	28.9	31.9	32.₽	33.8	36.7	77.2	37.5	37.6	37.9	78.5	39.4	.8.8
GΕ	70031		. 6. 7	26.5	26 . 9	28.9	31.9	32.9	33.8	36 • 7	37.2	37.5	77.6	37.9	78.3	38.4	38.8
UΕ	67.021	ءَ •	20.7	27.	27.5	28.9	31.9	32.9	33.8	35 • 7	77.3	37.6	31.7	37.7	18.4	38.4	38.9
δE	53461	• 2	27.1	27.4	27.4	27.3	32.4	33.3	34.3	37.2	27.7	36.0	3 P = 1	29.4	70.8	30.9	39.4
GE	4"	• 2	7.2	27.5	27.5	29.4	32.5	33.5	34.4	37.4	37.9	30,7	18.3	39.5	79.0	39.1	39.6
ijĒ	4733i	. 2	27.9	24.1	23.1	37.1	33.2	34.2	35.2	36 - 2	38 • 8	30.1	39.1	39.4	79.8	39.9	40.4
GΕ	35 % [• 2	23.0	23.3	28 • 3	70.3	33.5	34 . 4	35.4	35.4	39 • C	39.3	39.3	39.6	40.1	47.1	40.6
GF.	37631	• 2	29.5	2 9 . 2	29.3	21.5	34.6	35.7	36.7	39.8	40.4	40.6	40.7	41.7	41.4	41.5	42.0
6E	25 00 1	• 2	32.9	31.1	31.1	33.4	36.9	38 • 0	39.1	42.2	42.7	47.7	43.1	43.4	43.8	47.9	44.4
C.f.	25 931		73.€	34	34 • J	35.4	39.8	41.0	42.1	45.4	46.0	46. 1	45.4	46.7	47.1	47.2	47.7
Gξ	18.01	• .	34.7	35.1	35 • 1	37.5	41.1	42.3	43.4	46.9	47.3	47.5	47.2	48.7	48.5	48.6	49.1
l.E	15501	• 3	37.7	3 3 . 1	38 . 1	40.7	44.6	45.8	47.	50.7	51+3	51.6	· 1 • 7	52.9	52.5	52.5	53.0
LE	1267	• .7	42.9	43.3	43.3	45.5	51.2	52.5	53.8	58.0	58 • 7	50.7	59.2	59.5	59.9	63.0	6 G • 5
úΕ	1. 411	. ?	46.	47.0	47 . J	51.2	56.7	50.0	59.6	64.1	65.2	65.5	55.8	65.1	66.5	66.6	67.1
5€	2521	. 3	47.6	4 2 . ?	49.3	52.7	50.3	59.6	61.4	55.9	66.9	67.3	67.6	67.9	68.3	58.5	69.0
5 E	5 (3)	. 7	4 7. 1	47.6	49.6	54.4	60.7	62.0	63.7	68.8	59.8	70.2	70.5	70 · B	71.3	71.4	72.0
1,E	761	• 3	5 1.4	5 : . 7	50 • 7	55.8	62.4	67.8	65.9	71.7	72.2	72.7	73.C	73.3	73.8	73.9	74.5
t, E	/ us l	• ?	c,	52.6	52.6	58.8	66.2	67.8	7.1.8	77.5	79.2	79.7	80.4	87.7	81.4	81.5	82.2
ĿΕ	5.254	. ?	52.9	53.3	53.3	59.9	67.6	69.2	73.1	55.6	82.5	67.9	94.5	85.3	P5.9	86.0	P6.8
4,€	9.051	• ?	53.3	5 7 . 7	53.7	67.7	68.9	77.7	75.5	83 . P	86.6	F7.9	3.50	37.4	90.6	90.8	91.6
υ£	12.4	• 2	5.3+3	5 3 . 7	53.7	60.9	65.2	71.7	75.5	1 • 5 ه	99.5	५०, र	91.2	92.4	94.7	95.0	96.1
5 E	7.674	. 3	5.3+3	53.4	53.5	61.0	5 7 . 4	71.1	75.7	65.4	99.2	91.1	92.2	93.9	76.6	97.0	98.8
LΕ	1 ," [• ?	r 3.4	5 7 • 5	53 • 6	61+1	69.4	71.0	75. 5	85.5	P9 • ?	91.7	92.4	94.2	97.1	97.5	99.7
ьE		. 7	5 3.4	53.5	53+5	61.1	69.4	71.2	75.8	85.5	F9.3	91.3	92.4	94.2	97.1	97.5	100.0

GLOBAL CLIMATOLOGY RRANCH USAFETAC AIRIWFATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURBENCE OF CEILING VERSUS VI-TRILITY FROM HOURLY OBSERVATIONS

_	-		275953									HOUTH	: ALL		(LST):	ALL	
	LING		• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •			IN STATI			• • • • • •	• • • • • • •	• • • • • • •		••••••
F E	N I	GE 10	er er	٦L د	6E 4	G L 3	65 2 1/2	G E 2	65 1 1/2	GE 1 1/4	GE.	r L 3/4	η. ο∕ά	GE 1/2	GE 5/16	GE 1/4	GE O
	CEIL I	• ?	34.1	3 + • 1	34 . ;	34.9	36.3	36.4	36.8	37.7	78 • C	35.2	30.5	39.4	38.5	38.6	38.9
	227 061	• ?	36.7	35	36 - 9	37.7	39.2	39.2	37.7	45.7	41.0	41.7	41.3	41.4	41.6	41.6	41.9
	150 001	• 3	36.7 36.7	36.4 35.6	36 • 9	37.7 37.7	39.2 39.2	39 • 2 39 • 2	39.7 39.7	40.7	41.3	41.2 41.2	41.3	41.4	41.6	41.6	41.9
	10.031 107001	• 3	36.7	35 • c	36.3	37.7	39.2	39.2	39.7	40.7	41	41.7	41.3	41.4	41.6	41.6	41.9
	127 631	. 3	36.7	35.8	36 + 9	37.7	39.2	39.2	37.7	45.7	41.5	41.2	41.3	41.4	41.6	41.6	41.9
	ian cal	• ?	49.9	5.7.0	50.3	51.6	54.5	54.2	55.C	56.4	57.3	57.5	51.7	57.8	68.1	5 R . 2	58.5
ĿΕ	27631	. 1	49.9	5.7 . 2	50 • C	51.6	54.0	54.2	55.0	56.8	7.3	5 . 5	57.7	57.A	c 3 • 1	5 P • 2	58.5
6 E	81.01	• 3	49.5	57.2	53.0	51.6	54.€	54.2	55.J	56.9	57.3	57.5	57.7	57.8	58.1	56.2	58.5
GE GE	77 JUL 67 JUL	. 4	49.9 53.3	5 7 • 1 5 7 • 5	50.1 53.5	51.7 52.1	54.1 54.5	54.3 54.7	55.1 55.5	56.9 57.3	57.3 57.7	57.6 59.3	57.7 53.2	57.7 58.7	58.2 58.6	58.2 58.7	58∙6 59•0
üΕ	50001	. 4	53.0	53.1	53.1	54.8	57.3	57.4	58.3	53.1	60.6	60.2	61.6	61.2	61.4	61.5	61.9
G.E.	450.1	. 4	5.3.4	53.6	53.6	55.3	57.8	57.9	58.8	63.6	61.1	61.4	41.5	61.7	62.5	62.0	62.4
űΕ	41001	. 4	50.9	57.1	57.1	68.8	61.4	61.6	62.5	64.3	64.9	65.1	55.2	65.4	65.7	65.7	66.1
SE	35.001	, tı	5.7.5	57.7	51.7	59.5	62.1	62.3	63.2	65.0	65.5	6.	65.9	66.1	56.4	66.4	66.8
LE	3767	. 4	5 9.1	59.7	59.3	61.1	63.9	64.1	65. ii	66.8	67.3	67.5	67.8	68.0	68.2	∟8•3	68.7
6E	25 63 F	, u	61.7	51.5	51.9	63.8	66.6	66.9	67.8	69.7	70.2	70.5	70.7	77.9	71.1	71.2	71.6
ú£	إحاديا	. 4	64	54.3	64 • 4	66.4	69.5	69.7	73.7	72.7	73.2	77.5	7 ? • 7	73.9	74.1	74.2	74.6
U.E	10-01	. 4	55.1	55.3	65.3	67.4	7 C . 5	70.8	71. ò	73.8	74.3	74.4	74.+	75.3	75.3	75.4	75.7
٦Ė	1'	. 4	5 7 •	57.2	67.3	69.5	72.6	73.0	74.1	76.2	76.6	77.1	17+3	77.5	77.7	77.8	78.2
6.E	10001	• 5	70.0	77.2	70 + 3	12.9	76.6	76.9	79.1	87.5	91.1	6 ! • u	F 1 . 7	81.0	22.1	82.2	₽2•6
üE	1,7501	• 5	7:00	72	72 • 1	75.0	19.2	79.5	9 O . 8	83.4	94.1	54.5	94.7	84.9	P5.2	65.3	95.7
ĿΕ	6 271	٠,	72.5	72.0	72.0	75.6	79.9	83·2	91.7	84.3	°5.↑	20.4	25.€	95.8	c6.1	BE . 2	96.6
6E	3 42 1	• "	73.	77.3	73.3	76.5	° 1 • C	81.3	82.3	85.6	£ 6 • 4	af 7	57	87.2	97.5	67.6	88.0
üξ	1	• "	73.4	77.7	73.5	77.1	61.6	52.2	83.8	50.7	47.5	P7.4	88.6	83.4	09.7	8 . 8	89.2
ı, E	٠1	٠,	74.2	74.5	74 • 5	79.3	33.4	83.8	85. 8	59.4	90.3	٠٠.٠	91.2	71.4	91.5	91.7	92.3
(»E	564	• 5	74.4	74.7	74 .5	78.7	23.9	34.4	96.6	90.5	91.7	77.7	-2.7	92.9	93.3	93.4	93.9
ijĘ	4 1	• -	74.7	75	75 • ∪	77.1	ë 4 • 6	85.1	87.5	91.9	93.3	36.3	54.6	94.9	05.4	95.5	96.0
t, E	7 - 1	• 5	74.7	75.	75 . 1	79.2	94.6	85.3	97.9	92.6	94.7	¥ * • 1	35.8	96.2	≎6.9	97.1	97.7
ti E	2001	• "	74.7	75+1	75 • 1	72.2	44.5	ø5 . 3	89.J	92.3	94.6	98.6	76.4	97.5	97.9	99.1	99.1
υĒ	11.21	• "	74.7	75.1	75 • 1	79.2	84.8	K5•4	88 • C	92.8	94.6	95.6	30.5	97.1	98.2	98.5	99.8
1.5	. 1	• 4	74.7	75.1	75 • 4	79.2	84.€	85.4	88.0	92.3	94.7	9°.7	96.5	97.1	98.2	98.5	100.0

GLUBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCUPRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 27								MOI.	OD OF RE	•	79-87		
Henre 1		• • • • • • • •	P	ERCENTAGE	FREQUE	VCY OF TE	NTHS OF	TOTAL 5	ry Covia	•			TOTAL
(LST)		1	2		4		6	7	ç	•	10	MEAN	082
nees 1	15			2.7	2 • 3	1 • 7	5.7		2.0	15.0	56.7	7.7	340
t/7=05	15.8			2.6	1 • 3	2.0	2.0		1.0	14.8	58.2	7 • 6	3 2 4
06-08 1	16.7			1.7	2.0		3.7		2 • 7	13.9	58.2	7.7	294
10-11	11.6			2.2	3 . 3	1 • 1	3 . 3		• • 5	14.2	56.9	6 • 1	275
12-14 [14.3			4. ز	3.0	1 • 7	5.4		7	9.1	د.ه،	7.5	298
15-17	13.2			3.9	3,3	1 • C	2.0		6.9	13.2	56.9	7.3	304
16-50 1	71.9			2.3	3 . 3	• 3	2.3		7 . 3	11.9	54.6	7 • 2	305
.1-23 1	21.0			1.0	3. 3	1.0	3.0		2.6	13.6	r3.3	7.2	302
TOTALS	16.4		•	2.5	2.7	1 - 1	3 . 2		4.3	13.2	56.6	7.5	2379

STATION NUMPER: 2	75955 STAT	IICK NAME	: XAZA	IN USSK					00 OF RE TH: FER	.copo:	7 9 - 9 7		
Fours	• • • • • • • • • • • • • • • • • • • •			CRCENTAGE	FREQUE	NCY OF TE	ENTHS OF	TOTAL 5	KY COVER	•••••		•••••	TOTAL
(EST)	?	1	2	3	4	۲.	É	7	0	9	10	MEAN	085
ma-U2	32.0		•••••	1.5	2.2	1.5	2.6	• • • • • • • •	5+1	10.6	44.3	6.1	273
u*+05 [30.4€			4.3	• 7	1 • 1	i • 1		3 • 6	10.1	48.6	6 • 3	278
pr-78	41.4			1.1	1 • 8	. 7	1 . 8		٠.3	13.6	46.7	6.3	274
2-11	21.9			4.6	2.0	. 8	3.2		۶.7	5.9	54.5	7.1	253
13-14	36.7			4.7	3.3	1 • 8	2.5		e•3	5.5	47.3	6 • 4	275
15-17	25+1	.4		4	4.0	1 • 9	4 • C		6.5	13.8	40.4	6 • 4	275
19-2p 1	23.7			7.5	3.4	1.4	3.9		t • 3	11.5	41.6	6.4	279
11-23 1	34.7	.4		2.2	4.0	. 7	3 • 6		5.4	11.5	37.4	5.7	278
TOTALS	9.3	• i		3.7	2.7	1.2	2 • B		2	9.9	45.1	6 • 3	2185
			• • • • • • •	** * * * * * * *	• • • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •				

GLOBAL CLIMATOLOGY FRANCH USAFETAC AL? WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCERRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 275950 STATION NAME: KAZAN USSR

PERIOD OF FECORD: 79-87

								KON	TH: MAT				
HOURS (LST)		:	PERC 2	ENTAG	E FREGUEI	VCY OF T			KY COVER		19	MEAN	TOTAL Obs
							• • • • • • • • • • • • • • • • • • •						
00-02 k	77.1			.7	1.7	1.3	4.5		6.3	8 • 4	79.8	5.5	299
€* + €5 [13.8			5 • 3	2.3	. 7	3 • 1		tı.j	7 • 9	77.8	5.3	304
16-08 1	27.5			5.3	5.3	1.6	3 ⋅ 0		• • *	7.9	42.1	6.1	304
~~~11	29.3	•4		3 • 6	3 • 6	1.8	4 - 7		1.2	6 • 3	42.3	6	276
12-14	27.1	•3		4.7	3.3	. 7	4 . 3		10.3	9.0	40.5	6 • 2	299
15-17	22.2	. 3		9.3	3.6	1.3	4.3		11,9	7.3	79.7	6.3	302
19-23	19.5		1	16.6	4.3	1.0	3 • €		7 . 5	10.6	43.2	6.6	303
21-23 1	25.3			4.9	2.0	. 3	2.6		0	7.9	40.3	5.4	305
TUTALS \$	3,1+2	•1		5.6	3 • 3	1 • 1	3.7		7	ö•7	40.7	6.3	2392

STATION NUMPER: 27	5957 5741	TION NAME	: KAZA	IN USSR					OU OF SE TH: APP	CupD:	78-87		
FOURS (	·····	· • • • • • • • • • • • • • • • • • • •	P	FRCENTAGE		CY OF I	N THS OF		KY COVER		12	MEAN	TOTAL
ub-da I				4,1	3-1		5.1	• • • • • • •	7.5	5.8	₹6.7	5.4	294
£ 7-05	76.9			4.4	4.1	1.4	3 • 1		5.4	7 • 5	77.3	5.4	295
,e-c?	21.1	• 3		7.9	3 • 4	1. )	3 • 1		<b>1</b> €.J	9.0	42.1	6.4	290
17-11-1	20.0	• 3		6.06	3.5	1. 7	3 • 1		1: • 1	11.1	41.5	6.5	287
47-14-1	16.3	• 7		t.c	4.1	4+3	7.1		12.2	8 • 8	42.9	6.9	294
17-17	13.7	• 7		3.2	5.8	1.7	3.4		12	9.9	41.4	7.3	292
18-20 1	17.1			9.9	3.1	2.1	6.2		7.5	11.3	42.8	6.5	292
21-23	29.5	• 3		7.5	5.1	1.4	4.4		4 . 7	7.8	19.3	5 • 9	295
TOTALS 1	24.5	• 3		6.6	4.3	1. 3	5.1	•	· • 7	8 • 9	43.5	6.3	2339

GLORAL CLIMATOLOGY PRANCH UÇAFLIAC AIR WEATHER SERVICEZEDE

#### PERCENTAGE FREQUENCY OF GCCURRENCE OF 5KY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 2			: KAZAN USSR				FEP130		C 0 PO:	79-37		
HOURS   (LST)		1	PERCENTAGE 2 3	FREQUE!	NCY OF TE		101AL SKY	( g V I R	9	10	"EAN	OR2 1014F
::-na	44.7	• • • • • • • •	6.4	3•6	2.3	3.6	• • • • • • • • •	7.6	4.9	26.3	4.4	3 ე4
*- es	/1+1	.;	11.5	4.6	4.6	3.9		11.1	7.2	75.6	5.1	305
. 6-08 1	32.5	1.5	12.6	4.6	3. S	7.3		13.9	8 • 9	75.8	5.7	302
. 6-11	21.2	.7	14.4	7.2	3.6	5 . 2		13.4	10.5	23.9	5.6	306
12~14	12.3	. 7	13.9	7.6	3.€	5.6		20.42	8 • 3	25.5	6.3	302
15-17	1. •2	. 7	11.5	7.5	4,9	8.9		17.0	13.1	26.2	6.5	305
19=20	14.1	1.3	11.7	7 . ú	3.7	7.7		01.8	9 • 1	23.5	6.2	298
. 1-23	°t5	1.3	1 5 •0	5.6	2.0	5 • 2		14.4	6.2	23.9	5.2	306
TOTALS !	22.9	•0	12.2	6.0	3.4	ь.3		14.9	5.5	25.1	5.5	2428

STATION NUMBER:	275951 51	TATION NAMI	: KAZAN USSR				PERIOD OF C		79-97		
H^UPS (LST)		i					TOTAL JKY COVE		15	MEAN	101AL 085
7-02		د ۱۰	13.5	7.1	2,4	6.4	13.3	6.4	25.6	5.4	297
67-05	1 19.1	• 7	1 6: +4	7.2	2.7	7.6	1 7 • 3	4.4	79.4	5 • 5	293
8℃-•.	1 15.2	c	1 7 • 2	6.1	3.7	7 • 9	10.5	8.8	26.7	6.1	296
1-11	1 15.3	1.0	11.6	5.8	2.4	9.5	1 = 7	9 • 8	27.2	6.3	294
17-14	1 i	• 5	7 - 1	16.1	4.4	11.5	21.∙5	13.5	27.4	7.1	296
15-17	1 6.3		7 • 1	7.1	6.5	8.5	74.A	13.9	25.2	7 • 1	294
0.2 - 11	l +.4	•7	11.6	7 • 7	3.7	7.4	20.0	14.5	24.9	6.9	297
. 1-23	1 12.2	1.4	15.6	9.2	3.7	4.4	17.6	13.9	76.1	6 • 2	295
TOTALS	1 11-1	• 4	1	7.8	7.7	7.4	17.5	15.5	26.8	6.4	2362

CLOBAE CLIMATOLOGY REANCH USAFETAC AIR WEATHER SERVICEMENT

TOTALS |

#### PERCENTAGE FREQUENCY OF JCCURRENCE OF 3KY CCVER FROM HOURLY OBSERVATIONS

STATION NUMBER:	27595 'S	JMAN A 11 FAT	: KAZAN	USSR					an (F ft ff: Jtt	corp:	7 5 - 3 7		
⊬ours (LST)		1	pt 2	RCENTAG	E FREQUE!	CY OF T	EN THS OF	TOTAL 5	YY (OV'R	9	15	MEAN	TOTAL OBS
1 1-02	1 5.5		••••••	15.4	6.2	2.5	5.6		15.1	7.5	16.7	4.3	306
פח+י)	1 3.3	.7		17.9	7.2	2.3	5.4		16 • 7	8 • 5	17.9	4 . 7	307
~6 <b>-</b> ~8	1 .2.7	•1		14.1	4.9	3.9	8.2		14.5	12.2	16.9	5.4	304
·- 11	1 15.5	9		12.0	6.5	3.6	9.1		17.9	9.4	21.1	5.7	308
17-14	1 0.3	1.3		9.5	5.9	€.6	10.9		24.0	13.2	73.4	6.5	334
17-17	1 4.5	1.7		9.3	11.6	6.6	14 . 7		15.5	12.6	19.9	6.5	302
18-23	1 6.3	3		18.C	4.9	3.9	8 . 2		21.3	16.1	14.9	6.2	3 5
21-23	1 ~7.1	1.9		19.5	8.4	4 • 5	7.5		1:.0	9.7	17.2	5.1	308

16.1

2444

FERIOD OF PECOPD: MODIFIE AUG STATION NUMBER: 27525 " STATION NAME: KAZAN USSA OFRCENTAGE FREQUENCY OF TENTES OF TOTAL KY COVIR

ecups 1														
((51)	•	1	?	3	4	۲,	5	7	٤,	c	13	MF V A	OBS	
, n=n2   1	ho	.7	•••••	÷,2	2.3	3.0	4.9	• • • • • • •	٠	7.2	21.3	4.3	345	
11-05	41.5	1.3		1 ? . 9	6.6	3.7	7.7		7	5 • 6	23.2	4.7	302	
(=; a {	15.3	1.3		11.6	4.7	2.0	7.5		14.3	٥.٦	25.9	5 • 7	301	
9-11	19.7	1.3		11.1	5.2	3.3	6		17.5	13.8	26.9	6.0	305	
17-14-1	7.3	: • 3		11.3	1 3	3.6	10.6		1 2	17.9	14.5	6.5	302	
15-17	6.,	:.7		16	7.6	٤. ٥	.:•2		21.1	13.2	21+1	6.6	303	
12-21	14.5	Ξ•6		1 2 - 1	5.6	3.9	1.2		1 - 7	14.1	?Z.J	6.1	3 ט 3	
21-23 U	5.0.	:•.		14.8	6.9	2.3			15.5	8.2	23.3	5 • 2	305	
1 SJATOT	2.3	1.4		12.,	6.2	3.5	7 • ⁴ .		1 : 7	11.1	72.7	5 + 5	2428	

SLOGAL CLIMATOLOGY "RENCH USAFETAC AIR MEATHER SERVICEMMAC

1:-00 1

.1-03 1

TUTALS 1

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19.5

7.5

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3.7

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2.7

3.7

1.7

t.6

7.1

7.,

16.6

13.5

15.6

47.5

46.3

46.4

7.5

7.5

301

296

2415

#### FIREENIAGE EMPOUNCY OF JCCUPRENCY OF SMY COVER FROM HOURLY COSERVATIONS

BERING OF MECUPU: STATION NUMBER: 275-50 STATION NAME: KAZAN USSK "ONTE: SEF PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVE. FOURS | (LST) | TOTAL 10 3 4 MEAN 7 1 5.2 76.9 287 11.5 6.3 .14 .4 • 3 9.€ 3.0 5 . 2 . . 1 2.2 43.6 5.8 293 1-25 1 7.5 • 3 3 . . 41.7 1.4 1.4 1 . 7 ن • 13 43.0 7.5 292 | S.1 = 4. 9.5 9.6 2.7 ¿ . 4 5 . 1 1 .2 15.9 295 20-11-1 5.1 4.1 2.7 4.7 44.1 7.7 1.1-14 1 5.7 . 7 4.9 5.9 2.1 4.5 1- -16.1 41.3 7.3 285 15-17 | 4.4 • 3 €.8 4.1 5.4 7.5 15.3 41.2 7.5 294 7.4 285 6.6 5.3 2 • 1 13.7 17.2 ₹6.5 19-20 1 3.1 b . . ***1 3 - 4 2.7 1. . . 6.5 254 .:-23 ( 7.8 5 . 6 6.6 23.1 2326 TOTALS 1 14.4 . 3 7.8 4.1 4.9 12 . . 12.2 4:3.6 7... 2.6 FERING OF SECORD: STATION NUMBER: 275957 STATION NAME: KAZAN USSR "C'\[F: 0€] PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 1014 HOURS 1 ILSTI 1 : £. ς 7 10 MEAN 065 3 . 4 -7-62 1 4.3 • 3 3 • ! . . . 13.8 46.4 6.6 1-05 22.5 6.3 48.4 6.7 5.5 10.8 306 . 3 3.6 1.0 2.6 5.1 11.0 2.3 53.8 299 16-54 • 3 2.00 1. . 1.0 14.4 7.7 6.5 60.0 7.9 336 7-11 1 11.5 • : 1.2 1.6 1.5 . . t 17.6 1 - 14 1 7.7 . 7 1.4 ... . . : 4.7 11. 17.5 47.8 7.9 297 17-17 1 1.5 2 - 3 336 ١., 5.6 3.0 4 . .: 11.6

GEOGRAE CETMATOLOGY FRANCH - GSAFETAC

#### FERCENTAGE FREQUENCY OF DECEMPENCE OF SMY CONFRERENCE OF SMY CONFRE

AIR MEATHER SERVICEANAC

101415 1

9.9 .1

PERIOD OF PECOPO: 77-86 MONTH: NOV STATION NUMBER: 27595 - STATION NAME: KAZAN USSR PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HADAS | (EST) | TOTAL . 4 6 7 10 MEAN 085 (7-72 289 2.1 . 1 67.5 12.6 11.1 8.2 ..1 1.4 • 7 67-05-1 13.5 i.4 8.4 292 2.4 . 7 . 7 . 7 13.0 68.5 . 3 1.7 1 - 4 16-68 1 1.4 4.3 5.7 11.7 65.3 6.5 290 .7-11-1 2 - 1 1.9 1.4 1.4 2.8 14.0 5e.1 9.5 285 17-14-1 4.3 3.8 2.1 291 15-17 | 5.1 £ .7 2.7 • 7 3.0 . . . 65.2 296 12.8 8.5 10-20 3.5 3.6 1.7 1 • G 2.4 68.5 8.5 292 10.6 1-27 | . . 7 12.5 2.4 2.7 8.4 65.9 296 3.4 1.0 8 - 1

1.8 1.2 2,2

2.8

STATICS NUMBER: 2	3 Edi . 2 T W	TION NAME	: KA7	AN USSR				#10114H DE_1100		(OPD:	77-95		
Haufis   1   (151)		1		PFF.CENTAG 3	E FHEQUE	NCY OF T	ENTES OF	TOTAL SKY			10	MEAV	TOTAL OBS
÷n2 1	16.9	•3	• • • • • •	1.7	2.3	• 7	2.6	•••••	4.3	11.9	59.6	7 • 7	3G2
7-65.	13.5			5.0	1.3	1.0	2.6		3.6	12.9	62.0	8.5	303
( - ~ 4	17,5			2.1	2.4	• 7	3.0		1 + 3	15.5	£0.6	8.0	297
-1: [	÷.5	•4		4.2	2 • 1	1.4	1.4		ذ •	13.1	62.2	8 • 2	283
17-14	7.7			1.0	3.0	1.7	4		(.7	12.7	56.0	7.9	300
17 - 17 1	: `• •	• 3		4.2	3.6	. 7	2.0		- • 3	12.7	56.9	8.3	3 3 6
19 <b>-</b> 00   1	.3.5			4.3	2.6	1.3	3.3		3	11.9	66.7	7 • 9	303
. 1-23 1	1			3.3	2.0	• 3	. 7			12.4	r9.8	7.5	306
TUTALS (	1.7+3	• 1		5.0	2.5	1.5	2.6		4 • 1	12.9	59.7	7.9	2400

....

8.5 2331

4.6 11.8

67.3

# SLOPAL CLIMATCLUGY BRANCH USAFETAG ATR WEATHER SERVICE/MAC PERCENTAGE FROM FOURLY OBSERVATIONS

NOTTATE	NUMHLF:	27	595.1 STAT	ICI NAME	: КАСА	N US5R					nn of FE T <b>F:</b> ALL	C ) PU :	77-87		
	наср5 1657)	ı	~	1	р 2	ERCENTAGI	E FREQUEN	CY OF TE	NTFS OF	TOTAL 5:	KY CCVIR	9	19	ME AN	TOTAL OBS
itāl	ALL	ï	I5,4		• • • • • •	2.5	2.7	1.1	3.2	• • • • • • • •	4.3	13.2	56.6	7.6	2379
FEF		1	s • 3	•4		7 . دُ	2.7	1.2	2 • 8		6.2	9.9	45.1	6.3	2185
₩ Д ′2		i	73.2	•1		5.6	3 . 3	1.1	3 • 7		£ • 7	8.7	45.7	6.5	2392
APE		ı	24.5	• 3		6.6	4.0	1.3	5 • 1		7	8.9	40.5	6.3	2339
MAA		ı	22.)	•4		12.2	6.0	3.4	6.3		14.9	8.5	25.1	5.6	2428
JUE.		ı	13.1	• 5		12.0	7 • 8	3.7	7.3		17.3	10.5	76.8	6.4	2362
Jat		ı	18.0	1.5		14.5	7.5	4.4	8 • €		16.1	11.2	18.4	5.5	2444
<b>A1</b> (		ı	12.0	1.4		12.9	6.2	3.5	7.5		13.7	11.1	22.7	5.6	2428
SEF		ı	14.4	• 3		7 • 8	4.1	2.8	4.0		12.9	12.2	40.6	7.3	2326
061		ı	14.3	.4		5.0	ن • 3	1.5	3.7		7.9	15.6	48.4	7.5	2415
NOV		ı	d•4	•1		2 • 8	1.3	1.2	2.2		4.3	11.6	67.3	8.5	2331
bic		4	13.3	•1		3.8	2.5	1.5	2.6		4.1	12.9	59.7	7 • 9	2400
	TUTALS	į	: 9 . 4	•5		7.4	4.3	2 • 2	4.9		٠, <b>.</b> ٩	11.2	41.0	6.7	28429

#### TEMPERATURE AND PELATIVE HUMIDITY SUMMERTES

CUMULATIVE PERCENTAGE FRED WENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TARGULATIONS PRESENTED BY SHDEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STAND DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FURE OF MORE COMPLETS MONTHS ARE REQUIRED FOR COMPUTING

#### EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY COSERVATIONS.

. PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERIST INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR UPY BULE INFT BULE AND DEM POINT! TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

GATA PRESENTED BY THE STANDARD 3-HOUP THE GROUPS BY MANCH, HORTHLY AND ADDUBLLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDILY

HATA DERIVED FROM HOURLY OBSERVATIONS.

SUMBARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY CALL YEARS COMBINED).

PLACENTAGE VALUES PRESENTED IN 19 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OPSERVATION COUNTS.

GLOBAL CLIMATOLOGY ERANCH USAFETAC AIR WLATHEK SFRVICE/MAC JRY-FULG TEMFFRATURES DEG F FROM HOUPLY OBSERVATIONS MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 275751 STATION NAME: KAZAN USSR

PETIPO OF SECORD: 77-87

POURSESTATS   JAN	F.E.	MAR.	A P F	~ A A	JijN	JUL.	ΛUG	c∳ P	(°C1	Nov	L E C	ANN
UC-02  50   14 - 247   101   098   299	7+6 11+3+4 ?73	11.J26 299	55.4 3.717 2.92	50.2 8.515 304	57.2 8.254 297	61 - 1 5 - 8 _ 3 3 3 6	57.8 5.769 335	#4.9 5.676	€0.7 7.85± 334	25 - 8 9 - 4 2 9 2 8 8	11.5 13.576 293	35.9 20.792 3552
MEAN   12.7	7.5	10.1	34.8	48.5	55.6	59.7	56.€	45.4	76.3	26.4	16+2	35•2
03-05  50   14.406	11.615	11.751	8.377	8.286	8.165	5.632	6.498	5.712	7.415	9.596	13+847	2C•326
101.065  302	277	303	.95	305	292	306	334	270	306	291	3g2	3573
1 MLAN   9.8	7.5	15.9	33.3	49.2	57.3	45 • 9	5.9	46.5	75.2	75.2	15.3	34.6
16-29 St   14.430		12.236	8.476	8.417	8.134	5 • 4 2 9	6.506	9.71g	7.577	9.674	14.471	21.091
1101 095 35.		304	299	371	293	3 4 2	303	293	227	2°8	206	3528
MCAN   1	3.4	17.8	37.9	56-4	62.8	67 • 6	62.6	:1.6	37.2	25.9	15.6	38.8
	12.157	11.64J	9.682	10-046	7.666	6 • 7 1 4	7.697	7.354	7.320	9.264	14.444	23.427
	251	275	285	306	294	3 7 7	323	295	301	283	278	3450
MEAR   11.0	12+3	23 + 8	42.4	61.4	£6.7	71.5	67.6	55.8	40.3	27.3	16	41.7
12-14  50   13.275	9+9+6	10 + 0 35	11.096	11.299	10.742	7.578	6.935	9.558	8.165	8.713	13.3.	24.174
1301 0FS   20e	274	297	204	370	296	302	301	295	298	276	209	3531
MEAN   13.4	14.1	26.5	43.7	63.3	€6•0	72.8	69.1	47	41.6	27.3	16.1	42.8
15-17  SO   12.7%	2.173	9.393	11.469	11.265	10•772	7.957	9.295	9.464	9.695	8.542	13.131	24.289
TOT UES    204	273	296	294	3 ₃ 5	290	299	304	294	300	292	362	3559
16-201 SP 123.637 101 0851 293	11.0 16.004 27.	24 • 1 9 • 5 6 3 3 C _	42.0 10.712 292	61.5 10.891 297	66.7 10.127 296	71 • 6 7 • 6 1 2 3 0 5	66.9 8.689 303	13.7 3.315 2.24	*8.4 7.722 30J	26.4 9.008 289	15.7 13.035 303	40.9 24.093 3548
HEAN   10-6  1-23  50   13-484   FOT 085  303	1 , 4 16 - 438 274	21.7 15.219 306	38.1 9.184 294	54.3 9.279 305	60.7 8.697 293	64.7 6.362 307	6j.: 7.124 303	5.797 294	17.2 7.993 297	26.1 9.060 297	15.0 13.794 3g6	37.6 21.837 3579
MEAN   10.0	10.5	25.9	38.5	55.6	61 · 8	66 • 2	62.1	51.5	38.J	26.3	15.8	38.4
ALL   50   13.979	11.009	11.3P5	10.416	11.332	13 · 45 7	6 • 3 1 4	9.174	8.471	8.094	9.181	13.707	22.739
	2173	2382	2335	2423	235 1	24 3 4	2426	3323	7407	2318	2383	28320

GEOGRE CLIMATOLOGY TO ANCH USAFETAC AIR HEATHER SERVICE/MFC

### TEMPERATURES DEG F FROM HOUSELY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 27:35 ) STATION NAME: KAZAN USSR

PENION OF RECORD: 77-87

LST	STATS !		FER	мде	AFE	Y A M	JUN	JUL	AUG	ri P	601	<b>40</b> V	EFC	A NN
1   121   1	101 0:51	14.119 228	0.1 13.552 271	15.534 270	23.3 7.834 290	45.4 7.378 323	53.2 7.450 296	57 • 8 4 • 9 6 1 3 g 3	54.7 5.703 304	46.7 5.754 262	75.4 7.6€2 3∂3	25.3 9.287 268	15.4 13.482 295	34.J 19.383 2531
3-c5  	101 0.21	10-4 14-214 29e	2+1 11+424 211	17.6 11.575 301	33.2 7.842 292	44.6 7.458 334	52.5 7.575 291	57.3 5.691 306	54.2 5.699 304	# L . E 7 4 - 13	75.7 7.264 305	25.7 9.445 289	15.9 13.741 299	33.8 19.290 3555
6-2-1	MEAR 1 30   101 CFS		7.7 11.779 27.	15.5 11.97. 352	31.9 7.935 210	45.3 7.501 301	53.4 7.604 292	**************************************	53.6 5.805 303	45.2 6. 62 2°1	14.3 7.346 293	24 • 7 9 • 472 257	14.3 14.078 295	33.0 19.939 3508
_?-11  [	1644   1 50   1 101   UES	14.416	12.796 247	17.5 11.346 271	25.0 9.0% 280	48.6 7.988 306	55.9 7.983 291	61.1 5.319 337	57.1 5.873 301	47.4 5.154 565	15.9 7.138 30J	25.4 9.972 292	15+3 14+222 275	35.7 20.796 3431
13-14] 13-14]	PLAR SO I	13.177	11.7 9.7.5 273	22.4 2.589 395	31.7 2.457 264	50.5 8.113 299	57.1 7.993 293	62.0 5.282 3.00	58.5 6.212 300	57.1 6.354 284	18.1 7.455 293	26.4 8.544 287	16+1 13+262 294	37. <i>u</i> 20.184 3536
15-17	". At.     101   005	12.702	13.4 8.245 273	24.0 8.8.27 290	3e.4 8.5°5 293	51+1 7+822 303	57.6 1.82d 288	62.4 5.223 296	55.7 5.812 304	50.5 5.67. 289	73.4 7.674 303	26.4 8.475 291	15.6 12.957 30J	37.5 19.890 3536
1.0-91	۳۲,۸۴۰ ا ا د ۲۵۱ و ۲۵۱	13.51. 	711+2 7+815 276	72.6 9.167 299	37.9 8.546 271	51.0 8.017 296	57.4 1.555 292	62 + 7 5 - 244 3 04	59.3 5.948 302	49.3 6.5?7 264	16.4 7.383 297	25.6 8.815 259	15.2 12.889 301	36.6 20.406 3527
1 -1-231	101 0,2   101 0,2   10   10   10   10   10   10   10   10	13.757	1745 144234 274	73.6 7.984 301	35.4 3.535 267	47.7 7.514 303	5.2 7.456 293	59.7 4.945 306	56.0 5.549 303	47.4 5.954 _67	75.7 7.632 295	25.5 8.945 295	14.7 13.655 300	35+0 19+812 3547
ALL	#: AN   f   SD       TOT   O: S	10. 13.795 2397	19.6 13.7-1 2166	17.9 10.427 2365	3,44 8,465 2317	48.0 6.118 2415	55.3 7.905 2338	10.0 5.443 2420	56.4 6.133 7421	45.3 6.492 7.56	16,2 7,553 2395	25 · 6 9 · 015 2308	15.4 13.523 2359	35.3 20.022 28141

LLOSAL CLIMATOLOGY ERANCH DEFENTING TEMPERATURES DEG F FROM MEANS AND STANDARD DEVIATIONS USAFETAC HOURLY OBSCRVATIONS

AIR REATFR SERVICEMMAC

STATION NUMBER: 2750EC STATICE NAME: KAZAN USSR

PETIOD OF FECORD: 77-87

HOURS!	•	JAN	Fł.	MAR	ΑŞIP	мау	JUN	JUL	AUG	c [ n	GCT	NOV	EEC	ANN
.0-12	MEAN     SO   TOT   OFS	15.571	11 • 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	15.3 11.545 298	29.7 8.809 290	43.0 8.623 303	49.9 8.350 296	55.4 5.5.2 303	52.2 5.914 304	04.5 0.344 282	33.3 8.484 303	23•1 10•345 238	12.6 14.752 295	31.0 19.875 3531
07-05    	TOT CBS		4.1 12.232 277	14.9 12.47. 321	30.1 9.819 292	4J.3 8.575 304	49.7 8.356 291	55.6 3.505 3.6	52.3 5.846 304	0 - 14 3 5 - 34 3 24 6	13.9 4.075 3.5	23.6 10.4°5 289	13+2 14+970 299	31.2 19.921 3555
6 <b>-</b> 0+}	tor nest	5.5 15.513 271	27.5	13.0 12.693 304	20.8 8.717 258	41.0 8.347 3pi	50.3 8.559 292	56.0 5.176 298	51.8 5.867 303	43.8 6.255 287	72.5 9.305 293	22.5 10.512 287	11.9 15.326 295	30.4 20.494 3508
19 -11	1 50 1 1 50 1 1 10 1 0 1 0 1		24.9	14.0 12.090 27.	36.5 8.776 282	40.2 9.842 306	50.0 9.411 293	56.6 5.792 307	52.9 6.178 301	u5.4 0.361 295	13.5 8.342 300	23.1 10.161 242	12.5 15.415 275	21.7 20.473 3431
12-14  	MEAN     SF     TOT 0:5	794	7.7 15.836 273	18.2 13.7dd 295	31.2 8.829 294	39.3 10.388 299	49.4 9.554 293	55.3 6.871 300	1.4 7.302 300	44.5 7.672 284	14.2 3.463 293	23.6 9.844 277	12.9 14.594 294	31.5 19.294 3506
.5 <b>-</b> 171	101 0u2    2u     wFW	14.175	1/- 174 273	19.5 10.470 296	30.9 9.020 293	38 • 7 10 • 27 d 3 g 3	49.1 9.715 288	55.1 6.813 296	53.7 6.974 334	44.3 7.079 7.0	'3.9 5.675 333	23.6 9.746 221	12.4 14.262 300	31.4 16.874 2536
:8-2.   -	50 I 50 I 101 ens I	14.736	7.1 12.904 275	10 • 2 10 • 63 c 29 9	31.9 9.293 251	49.3 10.300 296	49.9 9.397 292	\$5.7 6.75g 304	51.8 6.953 302	45,2 6,40 294	33.4 3.479 297	23.3 9.878 289	12.2 14.055 301	31.5 19.696 3527
1-23   	101 0851	7•1 14•904 313	5.3 11.276 274	17.u 11.17. 361	31.I 9.021 267	42.8 6.973 303	50.7 8.697 293	56.1 5.810 306	52.4 5.947 302	44.5 6.392 237	73.2 4.5.3 295	23.3 10.110 295	11.6 14.812 330	31.3 19.966 3547
ALL	MEAN I	7.1 15.32.	11 + 64 3 21 ~ 5	15.3 11.627 2363	35.5 9.962 2317	40.1 9.460 2415	49,7 9.616 2338	55.7 6.467 79.20	51.9 6.417 7421	44.6 9.632 7276	73.5 8.3e3 4.3e3	23.3 10.128 2338	12.4 14.758 2359	31.3 19.829 26141

GLOSAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAL

I TOTALS I

100.7 100.5

130.0

99.9

99.8

CUMULATIVE PEPCENTAGE FREQUENCY OF OCCUPRENCE FROM HOURLY OBSERVATIONS

RELATIVE PUMIDITY

2345

95.5

PERIOD OF RECORD: STATION NUMBER: 27505 " STATEON NAME: KAZAN USSR MONIF: JAN | MEAN | TOTAL | ..[RELATIVE| NUM | MONTH | HOURS | FRECENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN ...... HONTHI HOURS ! FRELATIVE NUM | ___ \$ 3_\$ 4U\$ 5U\$ 6O\$ 7O\$ 8C\$ 90\$ 1 ILSTI 1 .. 107 0.4 304 40.2 798 98.7 75.5 85.8 190.0 100.0 99.7 93.6 13-52 157.7 29€ 123.5 100.0 100.0 100.0 100.0 95.€ 76.5 43.3 86.5 33-65 1:0.7 16-18 100.7 100.0 100.0 41.0 291 1 cm . J 98.9 \$4.8 47.1 86 - 1 270 1.0.0 99.6 99.6 104.5 9-11 100.0 100.0 99.3 93.5 294 166.0 100.0 150.0 100.0 12-14 69.3 33.3 300 100.0 150.0 103.0 98.7 90.C 15-17 100.1 170.0 99.3 68.9 29€ 99.7 93.6 18-27 :07.7 130.0 94.7 140.0 303 85.5 99.7 98.3 93.7 74.3 34.3 100.0 103.C 100.0

99.1

73.1

93.8

47.2

GLOBAL CLINAFOLOGY REAGE CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE . RELATIVE FUHIDITY USAFLITAC FROM FOURLY OBSERVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 27595 1 STATION NAME: KAZAN USSR

neninu of becord: 78-87 Mobiu: FFR

HONTE	FOURS	· · · · · · · · · · · · · · · · · · ·					ATIVE FU				MEAN	TOTAL   NUM
	I		: ::	2 س ڏ	423	50%	50%	7 (3 %	8.0%	^२ ं.t	[HUMIDITY]	085
FEB	]   10-02	   1∂n.≃	122.5	100.0	160.0	100.0	98.9	+2.3	73.1	37.1	85.4	271
	:-3 <del>-</del> -5	1   130.5 	100.0	130.0	100.0	100.0	100.7	93.9	77.3	44.5	86.4	217
I	16 - 1P	169.0	176.0	150.0	100.0	100.0	ç <b>0.</b> 6	96.3	77.6	4.2.3	86.6	212
	i9-11	1:0.3	1~~ • "	1.0.0	94.6	99.6	95.9	95.2	81.1	4 + • f	F 6 • R	245
	114	100.	1 7. • 7	1.0.0	99.6	99.6	98.0	56.4	58.6	. / . 4	32.1	212
	15-17	10.5	172.7	150.0	90.3	97.8	95.6	76.9	49.1	17.6	79.2	273
	15-27	137.	1	100.0	105.5	99.6	98.2	82.6	59.1	22.5	41.5	276
	21-23	137.3	1.36 + 2	150.0	99.6	98.5	97.4	69.4	67.2	34.7	53.4	274
		1.2.1					98.3	89.1		31.6	85.9	2165

GLOBAL CELMATOLOGY DEALCH USAFLTAC ALR WEATHER SERVICEZECTC COMPLATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

RELATIVE FUMIDITY

STATION NUMBER: 27525" STATION NAME: KAZAN USER ntalog of recamb: 79-27 MUNTE: MAR TEL FOURS | FERCENTAGE FRECUENCY OF RELATIVE HUMIDITY GREATER THAN | MEAN | TOTAL | MONTE! FOURS I 901 ua-ari 1:2.5 MAR 1 101.0 160.0 100.0 100.0 99.7 88.9 10.2 65.1 54.B 298 :3-25 120.0 100.F 130.0 100.0 100.0 99.3 94.4 73.8 47.5 37.1 301 ۶ - ی. 100.0 100.0 166.0 99.3 99.3 88.2 202 . 9-11 100+1 130.0 100.0 100.0 98.2 92.6 71.2 40.2 55.7 271 12-14 102.0 100.0 107.0 99.0 94.2 49.0 19.7 27.7 79.6 29! 15-17 29.7 99.7 ÷ 7 . 3 12.0 95.9 67.9 56.2 39.9 15.2 75.9 29€ ,0-, 160.3 100.7 136.0 94.7 97.0 94.3 79.6 45.9 20.7 79.0 295 11-27 100.0 150.0 100.0 160.0 99.7 97.3 84.4 57.1 20.2 02.5 301 LIGIALS 1 1:0.0 100.0 106.0 99.9 98.9 96.1 85.2 6°•5 52.7 52.9 2362

GLORAL CLIMATOLOGY REALCH USAFETAC AIR GEATHER SERVICEZMAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE FROM FOURLY OPSERVATIONS

PELATIVE FUMIDITY

STATI	Ch NUMPER	1: 27595	STATICA	NAME:	KAZAN USS	R		-		PERIOU OF MUNIH: AP		8 - 8 7	
HONTE	FOURS		T. F.	RCENTAGE	FPEUULNE	Y OF REL	ATIVE FU	MIUITY G	REATLR		MEAN     PELATIVE	101;L	
		164	2.1	367	40 %	501	6 3%	7n2	863	901	[HUMIDITY]		
ΔPR	   10-02	tup.	14140	156.5	90.7	98.3	92 <b>.</b> 9	16.6	55.2	20.3	57.7	29 L	
	.3-15	100.7	10	150.0	160.0	99.7	97.5	83.7	62.5	54.1	A3 • 3	297	
	.6-08	1.3."	154.5	150.0	160.0	99.7	96.2	84.4	63.5	35.4	83.9	231	
	5-11	1	100.0	130.0	6	92.9	65.9	63.1	46.5	, t.u	76.3	282	
	12-14	1 20 • 1	39.7	97.3	91.3	83.6	61.7	46.6	30.6	17.7	67.5	294	
	15-17	150.1	151.0	93.5	<b>b</b> * • <b>1</b>	74.1	54.6	36.5	23.9	1 * • 9	64.1	293	
	18-20	3,5.	29 . 7	×6.43	5 7 a 8	83.5	68.3	45.1	29.2	1° . F	69.6	291	
	1 .1-27	1.00.0	170.0	100.0	95.7	96.2	83.5	67.5	44.7	27.3	77.1	257	
	234101	:50.	27.9	98.6	95.5	95.6	79.5	63.3	44.5	23.4	75.3	2317	

GLOGAL CLIMATOLOGY ERANCH USAFLTAC AIR WLATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE RELATIVE HUMIDITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 27595" STATION NAME: KAZAN USSR

PERIOD OF RECORD: 78-87 MONTE: MAY

		<b></b>											
HIPOM	FOURS	} 1	Pti	RCENTAGE			ATIVE HU	MIUITY S	REATER T	HA A II	MEAN     PVITALEN	TOTEL	
						501	602	701	803	9.74	HUMIDITY		
МДУ	19-37	l   120•3	•						25.1		69.7	303	
į	3-05	1.0.	ims.r	100.0	90.3	96.4	80.6	62.5	37.5	10.0	74,4	334	
	¿4	100.0	1.3.1	100.0	100.3	97.G	61.7	5≎.8	33.9	11.3	74.1	301	
	9-11	153.1	1.85.0	98.€	70.1	59.5	40.4	23.2	11.4	4 . 1.	57.0	306	
	12=14	1   100•'	97 . 3	79.6	o ° • 5	36.1	24.4	15.1	9.7	4	47.9	295	
	15-17	1 20.0	95.5	75.6	45.5	28 • 1	18.3	9.9	6.6	٦.6	43.7	30?	
	13-27	100.7	73 . 3	€4.₽	61.1	38.5	25.7	15.9	7.4	2.4	48.9	290	
!	1-11	1   155.7	100.0	99.3	92.4	73.6	48.5	33.c	18.2		62.5	303	
i	TOTALS	1 12.0	94.4	92.2	7°.8	64.5	43.6	33.3	18.6	6.9	59,8	2415	

# SUBBAL CLIMATOLOGY BRANCH SUMBLATIVE PEPCENTAGE FREQUENCY OF OCCURRENCE RELATIVE HUMIDITY USAFETIAC FROM FOURLY ORSERVATIONS AIR WEATHER SERVICEZMOU

ethics of hetaps: 79-87

STATION NUMBER: 27595" STATICH NAME: KAZAN USSR

									L	05.1H: 50	<b>'</b> 4		
40.11	FUURS     (124)		,	KCENTAGE	FRECLENC	Y OF REL	ATIVE FE	MIDITY C			MEAN   		•••••
	! 1		2.3		4C &				e; t	- "t	[HUMIOITY]		
JUN	1 1	)	·	• • •	165.6			15.4		. 1 . 6	78 • 2	29E	
	! ! .3=15	100.0	11	1.2.6	94.7	98.6	91.4	19.4	58.1	, e . a	51.5	291	
	1 [ 5+++ ]	: ;ា•	13. • *	131.0	97.7	98.3	91.4	75.3	52.4	14.4	79.2	292	
	! ! +-!!	1	177.7	, 1 . 6	94.2	78.5	60.1	34 . 2	18.8	7.2	55.2	293	
	1 12-14	1 .::•	99.7	54.5	7 - 5	57.0	37.→	24.2	13.7	1.9	55.7	293	
	1 2-17	1 tm • 1	79.7	, C . L	71.2	52.8	37.2	2.1	10.4	٠, ۵	54.2	286	
	10-2.	۱ <u>.</u> ۲.	152.5	94.5	7= . 4	61.3	42.5	26.7	15.1	4.5	57.7	292	
	21-27	4.3*	171.	99.3	97.6	87.4	71.7	54.6	33.41	11.6	71.3	293	
	T Ligials i	1	19.3	+7.2	80.9	78.7	64.7	48.5	31.4	12.4	63.2	2336	

SECTIVE CETHATUTED TO THE ANCHOUS AFET AC

CUMULATIVE PERCENTAGE FREQUENCY OF COCURRENCE FECH HOURLY CREEKVALIONS

PELATIVE HUMIDITY

AIR WEATHER SERVICEZUAL

STATION NUMBER: 27505 - STATION NAME: KAZAK USSK

Finish (F Fictor): 79-97 MONTH: OUT

JUL | 17-08 | 12.0 19. 1 95.7 84.9 52.7 3.0 82.2 332 49.3 99.0 : **• 30.7 1 3-61 190.0 20.7 90.0 97.7 92.6 76.8 86.6 3∪€ 6-.2 10-1 100.0 97.3 69.3 69.5 . 5 . 5 84.3 295 9-11 170.0 1.75. 130.7 90.7 89.3 74.7 45.3 22.8  $\tau_{r,\bullet} \in$ 69.2 307 12-14 1 000 14. 1 ,7.7 a . . . . . 67.7 40.7 24.0 11.0 2.7 58.6 330 15-17 65.1 18.9 8.6 ~ · 7 1..... 4. .6 81.1 60.P 35.4 55.2 296 10.00 4.7 1:0. 17.7 55.8 70.4 47.7 28.6 14.1 50.2 304 . . - 2 : 100.0 +9.3 49.0 37.3 175.01 95.4 63.3 65.7 .1.4 74.8 33€ 1 22 . 1 94.1 1101115 . 9 . 0 71.5 14.6 4.5.0 85.2 56.2 37.8 71.6 2421

GEOPAL CLIMATCEGGY PRONCH-USAFETAC AIP WEATHER SERVICE/MAC CUMULATIVE PERCENTAGE FREQUENCY OF CCCURRENCE FROM FOURLY OBSERVATIONS

FELATIVE +UMTUITY

STATION NUMBER: 275987 STATION NAME: KAZAN USER filling of (ECOPD: 79-87 #01.14: 7.96 A16 | 13-07 | 334 1 27. 17. • 7 100 • 6 59.5 28.5 92.5 99.7 98.D 42.4 66.2 ;- -100.0 | 100.0 ×1.8 75.5 134 100.0 1%. 99.4 96.1 42.4 96.2 130.0 101.0 97.4 12.1 99.0 94.7 77.2 36.5 303 77-11 93.7 73.1 59.5 27.2 1.0 71.7 251  $1 \downarrow -10$ ,7.? 87.3 64.3 45.7 .2.3 a . 7 4.7 53.4 300 1 15-17 1 % . . ., 3.4 77.0 51.6 34.? 2.1 11.6 3.€ 54.5 3 34 10-2" 12.00 90.1 48.7 5. ? 107 77.4 67.2 14.6 63.6 ٠. 1 21-23 130.0 90.7 95.4 £6.0 66. : 39.7 333 1 .... 49.7 14.5 75.7 1.7.1 1.4.2 98.5 I TOTALS 1 18.7 54.1 83.5 72.3 50.1 39.3 72.1 2421

CLORAC CLIMATOLOGY "F VICA BSAFLTAC ATR ALATHER SCHVICE/"**C

## CUMULATIVE PERCENTAGE FRECUENCY OF OCCUPRENCE FACH HOURLY USSERVATIONS

LUCINIATIAN PROMIDITA

- • •	FOURS 1		p :	POFNIACE	FRECUENC						1 MEAN 1	
1	į.	1.1	7.23	2 12	#0.2	53%	63\$	7 ⊆ ₹	824		PVITALES	NUP   065
sir j	3-75			143.5		97.9	96.3	90.3		****I	85.4	292
1	3-11-1	102*	1 5 .	1.7.5	100.0	90.7	99.2	94.6	£1.6	50.7	88.4	2 b F
1	75+.7	177."	12	1-0-7	100.0	99.7	99.7	96.0	66.1	18.2	89.7	287
!	19-11	1, ~. ~	10.0	150.0	59.7	98.3	91.5	79 • 7	62.0	. 5 . 4	8r.4	295
1	114	::7	1 "	15.6	94.4	84.5	63.7	45.4	27.1	11.0	68.0	284
!	15-17	1 ~~.	<i>,</i> ;,,	· 7 • 6	90.3	75.8	59.5	3 a . 4	22.5	~.7	45.3	289
!	18-2	100.0	121.0	49.3	97.5	92 • €	81.7	64.5	39.	1 °. • 1	74.5	284
!	1-1-1	1.0.1	131.7	100.0	59.7	98.3	91.1	ac • 1	61.3	_6. • €	31.3	287
!	TOTALS (		1	19.4	97.7	93.5	85.3	13	55.1	29.6	79.1	229€

CEDAGE CEIRALOEGGY HEARCH OF ALL STREET PC

LUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FROM FOURLY OBSERVATIONS

PELATIVE PUMIDITY

STATE	93940PF 18	: 275951	3141105	NAME:	KAZAN USSI	?				FURIOD OF MUNTH: CC		7 º - 9 7	
	1 2400 (				FREQUENCY						MEAN	TOTAL     NUM	••••
	İ	103	, a	:ut	40%	50%	601	73%	ខ្លង	90 <b>%</b>	YTIOIPUH}	1 005 1	
061	0.460	1.0.	1 30 • 7	100.n	100.0	າຫວ.ວ້	98.7	95.4	84.2	46.6	97.9	303	
	13-05	1	1 27 • 1	100.0	100.0	130.3	98.7	96.1	85.9	27.6	39.3	33€	
	`6÷1`q	137.5	130."	79.7	95.7	99.7	99.7	46.6	89-1	59.0	90.2	293	
	79-11	ئى مى د	1 % • "	150.0	160.0	100.0	99.7	94.0	75.7	43.0	36.A	336	
	12-14	100.1	12.0	150.0	100.0	98.0	83.4	68.3	47.1	24.2	79.2	293	
	15-17	100.0	100.0	1-0.C	99.0	95.0	79.5	64.i	42.2	19.1	75.4	303	
	14-27	1:33.7	190	100.0	99.7	98.7	95.5	85.7	63.3	29.€	82.3	297	
	21-13	120.0	170.0	150.0	100.0	99.5	99.0	92.9	76.9	55.4	85.7	295	
i	TOTALS	1,3.5	10	1.ú.C	99.8	9 R . B	94.7	66.7	70.5	ja.¢	64.5	2391	

CUMULATIVE PEPCENTAGE FREQUENCY OF OCCUPRENCE USAFETAC FROM HOURLY OBSERVATIONS
ALS WEATHER SERVICEZMAC

PELATIVE HUMIDITY

STATION NUMBER: 275050 STATION NAME: KAZAN USSR

PERIOD OF SECURO: 77-85 MONTH: NOV

MONTE	FOURS										MEAN   TOTAL   
	1		*	لار ز	403	53\$	601	7 p %	ક <b>ૃર</b>	762	1 280 [YTIGIMUH]
NOV	t [==a=ca:	100	172+0	150.0	107.0	100.0	100.3	97.2	85.9	57.1	89.5 28F
	[   .3-15 	150.0	105 + 6	140.0	100.0	100.0	99.3	47.6	86.7	59.1	99.5 284
	6-:c	10.0	176.7	1.0.0	140.0	99.7	99.3	96.9	85.4	>3.3	89.5 207
	9-11	1	171.0	1.0.0	97.6	99.6	99.7	97.5	96.0	£ # . u	99.3 282
	10-19	127.2	1 7". "	100.0	99.7	99.3	98.3	92.7	75 • 3	44.3	86.2 267
	15-17	1,0.5	1.70. • 1	100.0	167.0	99.7	98.5	91.1	74.6	30.5	86.2 291
	10-2	192.	100.0	100.0	100.0	100.0	49.7	97.2	79.9	47.6	88.1 285
	1 34-47	1 2 2	171.7	130.0	100.3	100.0	99.7	97.3	85.4	5 . 6	99.1 295
		1 100									58.4 23DF

## LLORAL CLIMATOLOGY FRANCH USAFET AC FROM FOURLY UBSERVATIONS AIR WEATHER SERVICEMAG

STATION NUMBER: 275950 STATION NAME: KAZAN USSR PEDIOD OF RECOPD: 77-86
MUNTH: DEC

MONTH | HOURS | FERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | MEAN | TOTAL |

	l										IDFIATTUIT	Nor	i
				7.u\$	4C %	50%	6.0%	70%	£ 0.%	៤៧ <b>ដ</b>	HUMIDITY		
	l	1 1 ;0.0										295	
	ł	i I kanar										296	
	l   35-0g	1 1 :::••	1	29.7	99,0	99.0	97.5	45.5	76.6	7 . r	86.6	295	
	1 1 9-11	] [ 1:22+*	1 • ~	1,0.0	49.6	99.3	98.7	y 3 • °	79.3	4, C <b>, C</b> ,	37.2	215	
	   12-14 	r Mariada Mariada	1 "	150.5	59.7	99.7	99.3	93.5	72.7	4" 4 E	85.5	294	
	1   15-17 	1 1,7.1	10. •	172*6	167.0	99.7	99.7	91.7	71.0	41.7	85.4	300	
	14-2.	1 120.5	1.2.	150.r	160.8	93.7	99.7	91.4	74.9	+7.2	56.3	301	
	( ::1-27 	120.0	1 10 • 0	130.0	167.0	100.0	98.7	74.3	77.3	44.0	36.0	330	
	HOIALS	1 100-1	182.7	133.0	40.8	99.7	98.9	93.2	76.2	46.3	86.5	2359	

GLOGAL CLIMATOLOGY RRANCH USAFLT_AC AIR WEATHER SERVICENMAC

CUMPLEATIVE PEPCENTAGE FPEQUENCY OF OCCUPRENCE FPOM HOURLY ORSERVATIONS

FILDIANA BATIATE

STATION NUMBER: 275955 STATION NAME: KAZAN USSR

nining of eccord: Posting App

77-F7

,	HUUKS				FREQUENCY	OF RE	LATIVE	HUM IDITY	GREATER		MEAN	1014L (
i	16317	1_1			4C \$	548	608	758	80 <b>%</b>	97	[HUMIDITY]	280
JAN 1	ALL	   10.3	1,00.40	139.0	99.4	99.8	99.1	93.9	73.1	47.5	35 • 6	2349
FLU		120.0	17.•7	150.0	99.8	99.4	99.3	89.1	67.7	2 7 . B	83.9	2165
MAR (		   រប្	100.0	130.0	93.9	98.9	96.1	85.2	60.5	37.7	82.9	2363
AP4 (		1	99.5	98.5	96.5	90.6	79.5	63.3	44.5	23.4	75 • 3	2317
MAY		1.00.0	99.7	92.2	70.6	64.5	48.5	33.3	19.6	6.9	59.8	2415
JUN	,	100.0	94.9	97.2	89.9	78.7	64.7	48.5	31.4	17.4	64.^	2338
JUL		1 9	30.6	98.8	94.1	85.2	71.5	56.2	37.8	14.6	71.6	2421
406		100.0	170.0	96.5	94.1	83.5	72.3	58.6	39.3	18.2	72.1	2421
SEP		10.0	105.0	y0.4	97.7	93.5	85.3	73.9	55.1	29.6	79.1	2296
CCI		l imed	197.0	100.0	99.8	98.8	94.7	86.7	70.5	74.9	84.5	2390
NO.	!	10.0	1.35.45	100.0	39.9	99.8	99.7	95.9	82.4	51.2	38.4	2336
Dic		1,5.~	15	100.0	96.9	99.7	98.9	93.2	76.2	4, , 7	56.6	2359
	TOTALS	100.0	97.9	:	95.9	91.0	٤4.7	73.1	54.6	20.0	78.2	28141

97999799 97999999		44444		RRRRR	RRRR	7 7 7 7 7 7 7 7 7 7	r F F F F F F F F F F
		A A A	AAAA	RPEPE	RPRR	11111111	FFFFFFFF
PP	Pr	A A	AA	RR	RR	1.1	F F
PP	Ł b	A A	ΔΑ	B 6	RR	1 1	f F
P C P P P P P P P P		A A	A A	8888	RRRR	T T	FFFFF
PPPPP	PPP	A A A A A	AAAAA	RRRRR	RRR	7 7	FFFFF
F P		4444	AAAAA	R D	RR	11	FF
PP		ΔΛ	AA	RR	P R	ŦŦ	FF
PΡ		ΔA	AA	RR	RR	7.7	FF
0.0				n n	2.0	7.7	

DATA NOT AVAILABLE

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# DATE FILMED